

Volume

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R0497

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223	824	825	826	827	828	829	830
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231	872	873	874	875	876	877	878
232	878	879	880	881	882	883	884
233	884	885	886	887	888	889	890
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245	956	957	958	959	960	961	962
246	962	963	964	965	966	967	968
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254	1010	1011	1012	1013	1014	1015	1016
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258	1034	1035	1036	1037	1038	1039	1040
259	1040	1041	1042	1043	1044	1045	1046
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266	1082	1083	1084	1085	1086	1087	1088
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273	1124	1125	1126	1127	1128	1129	1130
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MAR. 4 1933
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

FIELD NOTES

OF THE

ESTABLISHMENT OF CORNERS ON PORTION OF EAST BOUNDARY (RESURVEY);

RESURVEY OF PORTION OF SUBDIVISIONAL LINES;

SURVEY OF THE NORTH BOUNDARY AND COMPLETION OF SUBDIVISIONAL

LINES OF T. 42 S., R. 4 W.

Of the Salt Lake Base and Meridian,

In the State of U T A H

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

AND

ELLIOT BIRD, U. S. SURVEYOR

Under special instructions dated April 2, 1924, which provided
for the surveys included under Group No. 159, bearing the approval of the
Commissioner of the General Land Office under date of April 14, 1924
and assignment instructions dated May 26, 1927, and Supple-
mental assignment instructions dated September 18, 1931 and May 31, 1932

Survey commenced June 7, 1927

Survey completed June 23, 1932

INDEX DIAGRAM.

Township 42 South ; Range 4 West

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The survey of T. 42 S., R. 4 W., was commenced June 7, 1927, by Elliot Bird, U.S. Surveyor, and executed with Buff & Buff transit No. 18003. Work was discontinued July 31, 1927, and resumed Nov. 2, 1931, by Andrew Nelson, U.S. Cadastral Engineer, using Buff & Buff transit No. 9978. Work was again discontinued Nov. 18, 1931, and resumed June 5, 1932 by Andrew Nelson, U.S. Cadastral Engineer and Elliot Bird, U.S. Surveyor, and executed with the above transits.

The instruments were approved for use on this survey, conditional upon satisfactory field tests, by the District Cadastral Engineer, for Utah, in assignment instructions dated May 26, 1927, Sept. 18, 1931, and May 31, 1932.

The instruments are equipt with Smith solar attachment and full vertical circles. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

For test of transit No. 18003, used by Elliot Bird in 1927, see official records of T. 43 S., R. 4 W., which was surveyed in conjunction with this township.

All lines surveyed during 1931 and 1932 were projected from true meridians established by observations made upon Polaris.

Nov. 2, 1931: At the cor. of Ts. 41 and 42 S., Rs. 3 and 4 W., in approximate longitude $112^{\circ} 13' W.$, latitude $37^{\circ} 12' N.$; at 4h 56.5m p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and reading the deflection angle from star to lath about $\frac{1}{4}$ mile W.

Mean deflection angle	= $91^{\circ} 20' 00''$
Azimuth of Polaris at eastern elongation	= $1^{\circ} 19.7'$
True bearing of lath	= S. $89^{\circ} 59.7' W.$

June 9, 1932: At camp located near the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, in approximate latitude $37^{\circ} 09' N.$; at apparent noon with instrument No. 9978 in the meridian, I make an altitude observation on the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	= $75^{\circ} 49' 30''$
Reduced latitude	= $37^{\circ} 09'$
Mean watch time of observation	= 12h28m54s
Watch fast of local mean time	= 29m 46s

Several observations were made upon Polaris, on line, during the progress of this survey, and a constant check was had of the true bearings of lines surveyed.

Measurements:

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes, five and eight chains in length, compared with Lufkin standard steel tapes one chain in length and found correct. The measurements are made on the slope, the vertical angles determined by two large improved type K. & E. clinometers, and the slope measurements properly reduced to true horizontal distances.

Method and order of procedure:

The east, west, and E. $1\frac{1}{2}$ miles of south boundaries, and sections 25, 36, and E. $\frac{1}{4}$ of sections 26 and 35

T. 42 S., R. 4 W.

Chains

have been previously surveyed. The west $4\frac{1}{2}$ miles of south boundary is surveyed under this Group as the north boundary of T. 43 S., R. 4 W. A double set of corners was established on this boundary, and corners for this township were established at regular intervals westerly from the corner of secs. 34 and 35, with fractional measurement placed against the west boundary. The original corners on the north $3\frac{1}{2}$ miles of east boundary not being in position for new subdivisional lines for this township were changed to corners of two sections or angle points as the case required, and a new set of corners established thereon to refer to this township only. The north boundary was run random and true with fractional measurement placed against west boundary. A dependent resurvey was made of the previously surveyed subdivisional lines, except between secs. 25 and 36. The survey of secs. 26 and 35 was completed by establishing the cor. of secs. 22, 23, 26 and 27, west, 40.00 chs. from the restored $\frac{1}{4}$ sec. cor. bet. secs. 23 and 26, thence running due south to intersection with south boundary where cor. of secs. 34 and 35 was established. The remaining subdivision of township was surveyed in regular manner from south to north, and east to west.

RESURVEY

ESTABLISHMENT OF QUARTER-SECTION AND SECTION CORNERS
FOR EAST BOUNDARY OF T. 42 S., R. 4 W.

From the $\frac{1}{4}$ sec. cor. of secs. 19 and 24 on E. bdy. of T. 42 S., R. 4 W., which is an iron post, 1 in. diam., extending 10 ins. above ground, firmly set, properly marked, and witnessed by two bearing trees as described in the official records of T. 42 S., R. 3 W. I efface the marks on post and bearing tree pertaining to sec. 24, leaving it for the $\frac{1}{4}$ sec. cor. of sec. 19, T. 42 S., R. 3 W. only.

Thence,

North, on E. bdy. sec. 24.

- 0.66 Point South, 40.00 chs. from the point for cor. of secs. 13 and 24. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to rock and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor. on E. bdy. sec. 24, with brass cap marked

$\frac{1}{4}$
S24
|
1932

from which

A cedar, 16 ins. diam., bears S. $74\frac{1}{2}^{\circ}$ W., 28 lks. dist., marked $\frac{1}{4}$ S24 BT

A cedar, 16 ins. diam., bears N. $79\frac{1}{2}^{\circ}$ W., 72 lks. dist., marked $\frac{1}{4}$ S24 BT

- 40.00 The true point for the original cor. of secs. 13, 18, 19 and 24; this point will hereinafter refer to secs. 18 and 19, T. 42 S., R. 3 W. only. Witness cor. same is North, 1.80 chs. dist.

- 40.66 The true point for cor. of secs. 13 and 24, T. 42 S., R. 4 W., see line bet. secs. 13 and 24; this point falls on steep clay slope where it is impracticable to set a

Chains

corner; therefor at

41.80

The original witness cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., extending 12 ins. above ground, firmly set, and properly marked as described in the official records of T. 42 S., R. 3 W. This now becomes a witness cor. of North, 1.80 chs. for the cor. of secs. 18 and 19, T. 42 S., R. 3 W., and also a witness cor. of North, 1.14 chs. for cor. of secs. 13 and 24, T. 42 S., R. 4 W.

North, on E. bdy. of sec. 13, T. 42 S., R. 4 W., counting distance from true point for cor. of secs. 13 and 24.

1.14

The witness cor.

39.34

The true point for original $\frac{1}{4}$ sec. cor. of secs. 13 and 18: this point will hereinafter refer to sec. 18, T. 42 S., R. 3 W. only.

49.94

The original witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is an iron post, 1 in. diam., extending 10 ins. above ground, firmly set, and properly marked as described in official records of T. 42 S., R. 3 W.; this cor. now becomes the witness cor. of North, 60 lks. for $\frac{1}{4}$ sec. cor. of sec. 18 only; and, also a witness cor. of South, 6 lks. for the $\frac{1}{4}$ sec. cor. of sec. 13, T. 42 S., R. 4 W.

40.00

True point for the $\frac{1}{4}$ sec. cor. on E. bdy. sec. 13, falls on steep clay slope where it is impracticable to establish a cor.

79.34

The original cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in official records of T. 42 S., R. 3 W., I efface the marks on post and the two bearing trees that pertain to secs. 12 and 13, leaving it for the cor. of secs. 7 and 18, T. 42 S., R. 3 W. only.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to rock, and supported by a mound of stone to top, for cor. of secs. 12 and 13, T. 42 S., R. 4 W., with brass cap marked

T42S	T42S
S12	R3W
S13	S7
R4W	

1932

from which

A cedar, 8 ins. diam., bears S. 32° W., 53 lks. dist., marked T42S R4W S13 BT

A cedar, 18 ins. diam., bears N. 76° W., 11 lks. dist., marked T42S R4W S12 BT

North, on E. bdy. sec. 12.

39.34

The original $\frac{1}{4}$ sec. cor. of secs. 7 and 12. I efface the marks on post and bearing tree pertaining to sec. 12, leaving cor. for $\frac{1}{4}$ sec. cor. of sec. 7, T. 42 S., R. 3 W. only. The original $\frac{1}{4}$ sec. cor. is an iron post, 1 in.

Establishment of $\frac{1}{4}$ sec. and sec. corners, Exchng. T.42 S., R.4 W.

Chains

5211470

diam., properly set, marked, and witnessed as described in the official records of T.42 S., R.3 W.

40.00

Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to rock, and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 12, T.42 S., R.4 W. only, with brass cap marked

↑
S12

1932

from which

A pinon, 14 ins. diam., bears S.37 $\frac{1}{2}$ °W., 37 lks. dist., marked $\frac{1}{4}$ S12 BT

A pinon, 8 ins. diam., bears N.38°W., 34 lks. dist., marked $\frac{1}{4}$ S12 BT

77.40

The closing cor. of secs. 6 and 7, T.42 S., R.3 W., which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in official records of said twp.

79.34

The true point for the original cor. of secs. 1 and 12.

79.74

The witness cor. to the original cor. of secs. 1 and 12, which is an iron post, 2 ins. diam., firmly set in the ground and in a mound of stone, properly marked and witnessed as described in official records of T.42 S., R.3 W. I efface the original marks on post, and remark same A P for angle point.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., over a cross cut in solid sandstone, supported by a large mound of stone, 4 $\frac{1}{2}$ ft. base, 3 ft. high, for cor. of secs. 1 and 12, T. 42 S., R. 4 W., with brass cap marked

T42S

S1

T42S

R3W

S12

S6

R4W

1932

from which

A cross X with letters B O on E. face of ledge, 5 ft. above ground, bears S.55 $\frac{1}{2}$ °W., 47 lks. dist.

No other accessories available.

North, on E. bdy. of sec. 1.

37.40

The original $\frac{1}{4}$ sec. cor. of sec. 6, T.42 S., R. 3 W., which is an iron post, 1 in. diam., properly set, marked and witnessed as described in official records of said twp.

39.34

The original $\frac{1}{4}$ sec. cor. of sec. 1, T.42 S., R.4 W., which is an iron post, 1 in. diam., properly set, marked and witnessed as described in official records of T.42 S., R.3 W. I efface the marks on post and the bearing trees, and remark same with A P for angle point.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. on E. bdy. sec. 1, T.42 S.,

Establishment of $\frac{1}{4}$ sec. and sec. cors., E. bdy. T. 42 S., R. 4 W.

Chains

R. 4 W., with brass cap marked

$\frac{1}{4}$ | ✓
S1 | 1

1932

from which

A cedar, 5 ins. diam., bears S. 20° W., 20 lks. dist., marked $\frac{1}{4}$ S1 BT

A cedar, 10 ins. diam., bears N. 86° W., 64 lks. dist., marked $\frac{1}{4}$ S1 BT

76.74 The cor. of Ts. 41 and 42 S., Rs. 3 and 4 W., which is an iron post, 3 ins. diam., firmly set in ground and supported by a large mound of stone, properly marked, and witnessed by four bearing trees as described in the official records of N. bdy., T. 42 S., R. 3 W.

SURVEY OF NORTH BOUNDARY, T. 42 S., R. 4 W.

From the corner of townships 41 and 42 south, ranges 3 and 4 west, in approximate latitude 37° 12' N., longitude 112° 13' W., heretofore described.

West, on a random line, making proper offsets to the north from the tangent to the parallel at intervals of 40.00 chs., setting temp. $\frac{1}{4}$ sec. and sec. cors. along the line bet. Tps. 41 and 42 S., R. 4 W. At 481.60 chs. the parallel intersects a N. and S. line, 80 lks. N. of the true point for the cor. of Ts. 41 and 42 S., Rs. 4 and 4 $\frac{1}{2}$ W., and 48 lks. N. of the witness cor. to same. The correction is 13.3 lks. S. per mile, counting from the point of beginning.

Thence

From the cor. of Tps. 41 and 42 S., Rs. 3 and 4 W.

S. 89° 54' W., bet. secs. 1 and 36, on true line.

Over rolling bench land on top of mountain, through dense cedar and pinon timber, and short undergrowth; gradually descend NW. slope, 45 ft. to

3.80 Head of gulch, drains NE.; leave dense, enter scattered timber, bears N. and S. Gradually asc. E. slope.

6.80 Old stake & rider fence, bears N. and S.; a small corral bears S. of line about 5 chs. dist.

20.00 Top of ascent from head of gulch, 100 ft. above bottom, bears N. and S.; thence over rolling top of sandy bench.

38.50 Top of rise on bench, 70 ft. above twp. cor., bears S. 10° E., and N. 30° W. for about 8 chs. dist. thence easterly.

40.00 On top of nearly level bench, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

NORTH BOUNDARY OF T. 42 S., R. 4 W.

Chains

S36
 $\frac{1}{4}$ —————
 S1
 1932

from which

A cedar, 7 ins. diam., bears N.19°45'E., 299 lks.
 dist., marked $\frac{1}{4}$ S36 BT

No trees within limits in sec. 1, or other accessories
 available. Loose sand.

Gradually descend rolling NW. slope; very scattered timber.

49.80 Head of small draw, 45 ft. below $\frac{1}{4}$ sec. cor., drains
 N.10°E.

65.00 Enter heavier service and oak brush, bears N. and S.

74.45 Dim road in bottom of draw, 125 ft. below $\frac{1}{4}$ sec. cor.,
 bears N.20°E. and S.20°W.; the draw, drains N.20°E.
 gradually ascend rolling NE. slope.

80.00 On gradual NE. slope, 40 ft. above draw,
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground, for cor. of secs. 1, 2, 35 and 36, with brass
 cap marked

T42S	R4W
S35	S36
S2	S1
T42S	
1931	

from which

An oak, 3 ins. diam., bears N.32 $\frac{1}{2}$ °E., 100 lks.
 dist., marked S36 BT

No other accessories available. Deep loose sand.

Land, rolling bench with general NE. and NW. exposures;
 drainage NE.

Soil, deep, loose white sand on greater portion; rocky
 of red sandstone formation on E. end of mile; 2nd and
 3rd rates.

Timber, scrub cedar and pinon pine; dense on E. end of
 mile; very scattered on W. portion.

Undergrowth, dense sage brush, scattered service, oak,
 bitter brush and Brigham tea brush.

Good grazing land.

S. 89°54' W., bet. secs. 2 and 35.

Over rolling bench land, through medium dense undergrowth,
 and very scattered timber; gradually ascend NE. and E.
 slopes.

17.40 Spur, 85 ft. above sec. cor., projects N.20°E. from
 S.60°W.; dense strip of timber along top; descend NW.
 slope through dense brush.

Drains

40.00 On gentle NW. slope, 165 ft. below spur,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S35

S2

1932

1931?

No accessories to cor. available. Soil, loose sand and
no rocks available.

56.80 Center of wide swale or draw, 95 ft. below $\frac{1}{4}$ sec. cor.,
drains N.30°E.; gradually ascend rolling NE. slope.

80.00 On gradual N. slope, 30 ft. above swale,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 2, 3, 34 and 35, with brass
cap marked

T41S	R4W
S34	S35

S3	S2
----	----

T42S

1931

from which

A cedar, 10 ins. diam., bears S.43 $\frac{1}{2}$ °E., 763 lks.
dist., marked T42S R4W S2 BT

No other trees available, or other accessories.

Land, rolling bench; general NE. exposure and drainage.

Soil, loose, white sand, sandy loam and clay loam; 2nd
and 3rd rates.

Timber, few scattered cedar and pinon.

Undergrowth, medium dense oak, service, sagebrush and
bitter brush, 3 to 12 ft. high.

Good grazing land.

S. 89°54' W., bet. secs. 3 and 34.

Over rolling bench land, through medium dense undergrowth
and few widely scattered trees; gradually asc. rolling
NE. slope.

12.65 Low sandy ridge, 60 ft. above sec. cor., bears N. and S.;
gradually descend W. slope.

40.00 On slight NW. slope, 65 ft. below ridge,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S34

S3

1931

from which

A cedar, 8 ins. diam., bears S.88°45'W., 584 lks.
dist., marked $\frac{1}{4}$ S3 BT

NORTH BOUNDARY OF T. 42 S., R. 4 W.

Chains

ar1310

No other trees within limits, or other accessories available.

- 46.70 Small sandy spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects N.20°E.
- 52.80 Small swale, 30 ft. below spur, drains N.; ascend E. slope, 50 ft. to
- 60.50 Top of slope from draw, bears N. and S.; thence over bench top.
- 65.30 Dim wagon road, bears nearly N. and S.
- 80.00 On gentle NE. slope, 75 ft. above $\frac{1}{4}$ sec. cor., Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T41S	R4W
S33	S34
S4	S3
T42S	
1931	

from which

A cedar, 8 ins.diam.,bears N.4°45' E., 146 lks. dist.,marked T41S R4W S34 BT

A cedar, 16 ins.diam.,bears N.55°45'W., 157 lks. dist., marked T41S R4W S33 BT

No trees within limits in remaining secs. or other accessories available.

Land, rolling bench.

Soil, loose sand, and sandy loam; 2nd and 3rd rates.

Timber, few scattered cedars and pinon.

Undergrowth, dense sagebrush, and scattered clumps of tall service and oak brush.

Good grazing land.

S. 89°54' W., bet. secs. 4 and 33.

Over rolling bench land, through medium dense undergrowth and scattered timber; gradually asc. NE. slope.

- 4.90 Low sandy ridge, 25 ft. above cor., bears N. and S.
- 34.00 Begin steep descent over W. slope of 90 ft. to hollow, bears N. and S.
- 37.00 Base of descent and enter hollow, bears N. and S.
- 38.90 Wash, dry, 30 lks. wide, 10 ft. deep, drains S.
- 39.90 Large main wash, 70 lks. wide, 20 ft. deep, in bottom of wide hollow, drains S.10°E.; junction of washes S. of line about 1 ch. dist.

NORTH BOUNDARY OF T. 42 S., R. 4 W.

Chains

40.00 True point for $\frac{1}{4}$ sec. cor. falls in bottom of large wash where it is impracticable to establish cor., therefore at

40.74 On level land in hollow, Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S33
 $\frac{1}{4}$ ——— WC
S4
1931

from which

A cedar, 10 ins.diam., bears S.69 $\frac{1}{2}$ °E., 261 lks. dist., marked WC $\frac{1}{4}$ S4 BT

No other trees within limits, or other accessories available.

Gradually ascend across bottom of hollow through dense tall sagebrush.

50.00 W. edge of hollow, bears N. and SW.; ascend rolling E. and SE. slopes, through scattering timber and medium dense brush.

71.10 Shallow draw, drains S.60°E.; enter scattered yellow pine, and manzanita brush.

80.00 On gradual E. slope, 215 ft. above $\frac{1}{4}$ sec. cor., Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T41S | R4W
S32 | S33
S5 | S4
T42S
1931

from which

A cedar, 12 ins.diam., bears N.47 $\frac{1}{2}$ °E., 92 lks. dist., marked T41S R4W S33 BT

A cedar, 18 ins.diam., bears S.35°45'E., 146 lks. dist., marked T42S R4W S4 BT

A cedar, 8 ins.diam., bears S.62°45'W., 29 lks. dist., marked T42S R4W S5 BT

A pinon, 5 ins.diam., bears N.62 $\frac{1}{4}$ °W., 30 lks. dist., marked T41S R4W S32 BT

Land, rolling bench; E. and W. exposures; drainage S.

Soil, sandy loam, loose sand and rocky; 2nd and 3rd rates.

Timber, scattered cedar and pinon, with few yellow pines on W. end of mile.

Undergrowth, medium dense service, sagebrush, oak, manzanita and bitter brush.

Good grazing land.

NORTH BOUNDARY OF T. 42 S., R. 4 W.

Chains

S. 89°54' W., bet. secs. 5 and 32.

Over mountainous land, through scattered yellow pine, cedar and pinon timber, and medium dense undergrowth; ascend NE. and E. slopes.

3.80 White sandy spur, 55 ft. above sec. cor., projects S. 20° E. from NW.; thence along a steep, rocky S. slope.

15.10 Top of ascent on steep S. slope, 140 ft. above sec. cor., ascends N.; desc. SW. slope.

20.50 Gully, 40 ft. below top of ascent, drains S. 60° E.; ascend steep E. slope towards base of White Cliffs.

38.50 Spur, slopes N. 80° E.

39.50 As the true point for $\frac{1}{4}$ sec. cor. will fall on impracticable place, therefore at this point, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

W $\frac{S32}{S5}$
C

1931

from which

A yellow pine, 18 ins. diam., bears S. 83° 45' E., 68 lks. dist., marked WC $\frac{1}{4}$ S5 BT

A yellow pine, 12 ins. diam., bears N. 57° 45' W., 100 lks. dist., marked WC $\frac{1}{4}$ S32 BT

Corner stands on steep NE. slope, 350 ft. above sec. cor. at the base of main rim ledge of the "White Cliffs" bearing nearly N. and S. at this point.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on broken ledge at base of main rim ledge where a permanent cor. could not be established.

Abrupt ascent over E. face of white sandstone ledge, bearing N. and S., leaving all yellow pine timber.

43.70 Top of the "White Cliffs", 290 ft. above witness $\frac{1}{4}$ sec. cor., bears S., and N. for about 2 chs. thence NW.; thence over rolling top of high mesa.

48.00 Leave all cedar and pinon timber, continue through medium dense oak, service and sagebrush, bears NW. and S.

80.00 On nearly level top of mesa, slight N. exposure, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T41S | R4W
S31 | S32

S6 | S5
T42S
1931.

from which

A cedar, 5 ins. diam., bears N. 33° W., 43 lks. dist., marked T41S R4W S61BT

A cedar, 6 ins. diam., bears N. 61° E., 179 lks. dist., marked T41S R4W S32 BT

Chains

No other trees within limits, or other accessories available.

Land, mountainous with general E. exposure and drainage on E. 43.70 chs.; rolling top of high mesa on top of the White Cliffs on W. portion of mile.

Soil, loose white sand, sandy loam and outcrops of white sandstone on E. portion; firm sandy and clay loams on clay subsoil, on the mesa top; 2nd to 4th rates.

Timber, scattered yellow pine, cedar and pinon on E. portion; few widely scattered cedar and pinon on W. portion.

Undergrowth, medium dense oak, service, manzanita, sage and bitter brush.

Fair grazing land under White Cliffs. Good grazing on mesa top.

S. 89°54' W., bet. secs. 6 and 31.

Over rolling top of mesa, through medium dense oak, service, sage and manzanita brush, and few scattered cedars and pinons.

- 3.60 Top of low flat rise, bears N. and S.; thence gentle descent over W. exposure.
- 20.00 Edge of rolling top of mesa, bears N.70°W. and SE.; thence along a broken S. slope.
- 27.10 Spur or point of mesa, 100 ft. below sec. cor., projects S. about 3 chs. dist. to end at cliffs; descend abrupt W. slope.
- 28.00 Top of broken ledges or White Cliffs, bears NW., and S. for 3 chs. thence easterly; precipitous descent over W. face of ledges.
- 35.00 Base of ledge, 500 ft. below top, bears with top; thence gradually desc. along SW. slope in bottom of hollow.
- 40.00 On gradual SW. slope, in hollow, 630 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S31

4 S6

1931

Raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.

- 42.50 Sandy wash, 30 lks. wide, 4 ft. deep in bottom of large hollow or canyon, drains N.70° W.; gradually ascend along bottom of hollow.
- 58.00 Leave hollow, bears N.80°W. and S.80°E.; ascend along rocky N. slope over outcrops and through few scattered yellow pines.
- 69.00 Begin abrupt ascent over main ledge of White Cliffs facing nearly N., bears N.80°W. and S.80°E.

NORTH BOUNDARY OF T. 42 S., R. 4 W.

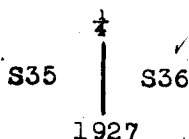
Chains

- 81.60 The true point for corner of townships 41 and 42 south, ranges 4 and 4½ W. Witness cor. to same is North, 32 lks. dist., and is an iron post, 3 ins. diam., firmly set in a large mound of stone, properly marked and witnessed as described in official records of T. 42 S., R. 4½ W.
- Corner stands on top of ledges facing N. and bearing about N.80°W. and S.80°E., 300 ft. above ¼ sec. cor.
- Land, rolling top of mesa on E. 20 chs. and rims with high ledges on remainder of mile; drainage NW.
- Soil, sandy loam, loose sand, sandstone outcrops and white sandstone ledges; 2nd to 4th rates.
- Timber, very scattered cedar, pinon and yellow pine on portions of mile.
- Undergrowth, medium dense oak, service, sage and manzanita brush.
- Fair grazing land.
-
- DEPENDENT RESURVEY OF SUBDIVISIONS:
- REESTABLISHMENT OF SURVEYS EXECUTED BY
BAILEY & BURRILL, U.S. DEPUTY SURVEYORS
IN 1877.
- From the restored cor. of secs. 1, 2, 35 and 36 on S. bdy. of tp., which is an iron post, 2 ins. diam., established under this Group and described in records of T. 43 S., R. 4 W.
- North, on random line, bet. secs. 35 and 36.
- 40.05 Fall 20 lks. W. of the original ¼ sec. cor., hereinafter described.
- The true course of this ½ mile therefore is N.0°17' E., and the distance is 40.05 chs.
- Continue same line with continuous measurement.
- 80.12 Fall 39 lks. W. of the original cor. of secs. 25, 26, 35 and 36, hereinafter described.
- The true course of N. ½ mile therefore is N.0°16'E., and the distance is 40.07 chs.
- Thence
- From the restored cor. of secs. 1, 2, 35 and 36 on S. bdy N. 0°17' E., on true line bet. secs. 35 and 36.
- Over nearly level valley, through few scattered cedars and short undergrowth.
- 0.33 The SE. cor. of fences from N. and W., bears W. of line 12 lks. dist.; thence along barb-wire fence with road along the E. side.
- 20.00 S. side of cultivated land, extends W.

DEPENDENT RESURVEY OF SUBDIVISIONS, T.42 S., R.4 W.

Chains

- 32.40 Dry wash, 30 lks. wide, 3 ft. deep, drains NE.
- 40.05 The original $\frac{1}{4}$ sec. cor. which is a sandstone, 10x10x10 ins., firmly set in ground, marked $\frac{1}{4}$ on W. face;
At cor. point,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 35 and 36, with brass cap marked



Place original stone cor. alongside of iron post.

No accessories available. Corner stands in barbed wire fence bearing N. and S. with road along E. side.

Thence, N. 0°16' E., with continuous measurement.

- 55.60 Wash, 10 lks. wide, 4 ft. deep, drains E.

- 59.55 Wash, 25 lks. wide, 8 ft. deep, drains E.

- 60.60 Wash, 10 lks. wide, 6 ft. deep, drains E.

- 80.12 The original cor. of secs. 25, 26, 35 and 36, which is a sandstone, 12x8x10 ins., firmly set in ground, marked with 1 notch on S. and E. edges; unwitnessed.

At cor. point,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone alongside, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T42S	R4W
S26	S25
S35	S36

1927

No accessories available. Cor. stands in NW. cor. of fences from S. and E. A gate is in the fence bearing S. at this cor.

From cor. the center of W. H. Clarks' house bears N. 24 $\frac{1}{2}$ ° W., about 30 chs. dist.

Land nearly level valley; slight E. exposure and drainage.

Soil, heavy clay loam; 2nd rate.

Timber, few cedars to E. of line on S. portion of mile.

Undergrowth, sagebrush and greasewood.

West, on resurvey line, bet. secs. 26 and 35.

Gradually ascend over nearly level valley land through cultivated field.

DEPENDENT RESURVEY OF SUBDIVISIONS, T.42 S., R.4 W.

- 16.70 Road on W. edge of cultivated land, bears N. and S.; thence through dense sagebrush.
- 33.35 Wash, 20 lks. wide, 10 ft. deep, drains S. 70° E.
- 40.00 No trace of the original $\frac{1}{4}$ sec. cor. can be found.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for restored $\frac{1}{4}$ sec. cor. of secs. 26 and 35, with brass cap marked.
- $\frac{1}{4}$ $\frac{S26}{S35}$
 1927
- Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- For land description, see survey of W. $\frac{1}{2}$ mile.
-
- From the cor. of secs. 25, 26, 35 and 36.
- North, on random line bet. secs. 25 and 26.
- 40.00 Fall 15 lks. W. of the original $\frac{1}{4}$ sec. cor., hereinafter described. The true course and distance of this $\frac{1}{2}$ mile therefore is N. 0°13' E., 40.00 chs.
- Offset over $\frac{1}{4}$ sec. cor., and continue North with continuous measurement.
- 80.00 No trace of the original cor. of secs. 23, 24, 25 and 26 could be found. Set temp. point.
- Thence from temp. point.
- West, on random line bet. secs. 23 and 26.
- 40.00 No trace of the original $\frac{1}{4}$ sec. cor. could be found.
- Return to temp. point for cor. of secs. 23, 24, 25 and 26.
- Thence North, on random line bet. secs. 23 and 24.
- 40.00 No trace of the original $\frac{1}{4}$ sec. cor. could be found.
- Return to temp. point for cor. of secs. 23, 24, 25 and 26.
- Thence East, on random line bet. secs. 24 and 25.
- 40.00 No trace of the original $\frac{1}{4}$ sec. cor. could be found.
- 80.29 Fall 77 lks. N. of the original cor. of secs. 19, 24, 25 and 30 on E. bdy. of tp., hereinafter described.
- The true course and distance of N. $\frac{1}{2}$ mile bet. secs. 25 and 26, therefore is N. 0°25' E., 40.00 chs., and line bet. secs. 24 and 25 is S. 89°27' E., 80.00 chs.
- From the cor. of secs. 25, 26, 35 and 36.
- N. 0°13' E., on true line bet. secs. 25 and 26.
- Over nearly level valley land, through short undergrowth and along E. side of cultivated field.
- 40.00 The original $\frac{1}{4}$ sec. cor., which is a sandstone, 10x8x6 ins. above ground, firmly set in the ground, marked $\frac{1}{4}$ on W. face. At cor. point,
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone cor. alongside, for $\frac{1}{4}$ sec. cor., of secs. 25 and 26, with brass cap marked

Chains

S26

S25

1927

No accessories available.

Corner stands in 3 strand barb wire fence bearing N. 89½° E. and S. 89½° W. House bears S. 41½° W. (W.H. Clarks)

Thence, N. 0° 25' E., with continuous measurement.

Through dense sagebrush.

51.30 Wash, 15 lks. wide, 12 ft. deep, drains S. 70° E.

52.50 Leave open flat, enter low rolling and broken land with medium dense cedar and pinon timber, bears E. and W.; gradually asc. general S. and SE. slopes.

59.50 Wagon road, bears E. and W.

67.70 Low spur, 70 ft. above ¼ sec. cor., projects E.

73.30 Draw, near head, 20 ft. below spur, drains E.

80.00 Proportionate point,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for restored cor. of secs. 23, 24, 25 and 26, with brass cap marked

T42S | R4W

S23 | S24

S26 | S25

1927

from which

A pinon, 6 ins. diam., bears N. 20° 45' E., 44 lks. dist., marked T42S R4W S24 BT

A pinon, 12 ins. diam., bears S. 64° E., 80 lks. dist., marked T42S R4W S25 BT

A pinon, 12 ins. diam., bears S. 68° W., 70 lks. dist., marked T42S R4W S26 BT

A pinon, 6 ins. diam., bears N. 25½° W., 29 lks. dist., marked T42S R4W S23 BT

Cor. stands on top of low ridge, 100 ft. above draw, bears E. and W.

Land, nearly level valley on S. 52½ chs.; low rolling and broken hills on remainder; general exposure and drainage E. and SE.

Soil, deep clay loam and sandy on valley; clay and stony on broken land; 2nd and 3rd rates.

Timber, medium dense scrub cedar and pinon, on N. portion.

Undergrowth, sagebrush, service and bitter brush.

Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISIONS, T. 42 S., R. 4 W.

Chains

211110

S. 89°27' E., on true line bet. secs. 24 and 25.

Over low broken land facing E., through medium dense timber and short undergrowth; gradually descend, along top of low ridge.

10.10 Wood road, bears N. and S.

15.60 Leave top of ridge, bears S. 60° E. and W.; desc. over NE. slope

40.00 On gentle NE. slope, 230 ft. below sec. cor., Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to rock and supported by a mound of stone to top, for restored $\frac{1}{4}$ sec. cor. of secs. 24 and 25, with brass cap marked
$$\begin{array}{c} \frac{1}{4} \text{ --- } S24 \\ S25 \\ 1932 \end{array}$$

from which

A cedar, 12 ins. diam., bears N. 13 $\frac{1}{2}$ ° E., 179 lks. dist., marked $\frac{1}{4}$ S24 BTA cedar, 8 ins. diam., bears S. 59° W., 216 lks. dist., marked $\frac{1}{4}$ S25 BT48.80 Wash, 30 lks. wide, 10 ft. deep, in bottom of wide draw, 20 ft. below $\frac{1}{4}$ sec. cor., drains S. 60° E.

60.10 Low spur, 30 ft. above wash, projects S. 70° E.

67.80 Draw, 45 ft. below spur, drains SE.

70.60 Low spur, 15 ft. above draw, projects S. 75° E.

80.00 The original cor. of secs. 19, 24, 25 and 30 on E. bdy., which is a sandstone, 8x12x6 ins., above ground, firmly set, marked with 2 notches on S. and 4 notches on N. edge, and witnessed by a cedar bearing tree to NE.

At cor. point,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with original stone cor. alongside, with brass cap marked

$$\begin{array}{c} T42S \\ \begin{array}{|c|c|} \hline R4W & R3W \\ \hline S24 & S19 \\ \hline S25 & S30 \\ \hline \end{array} \\ 1932 \end{array}$$

from which

A cedar, 16 ins. diam., bears N. 34 $\frac{1}{2}$ ° E., 96 lks. dist., marked T42S R3W S19 BT (original tree)

A cedar, 10 ins. diam., bears S. 86° E., 203 lks. dist., marked T42S R3W S30 BT

A cedar, 8 ins. diam., bears S. 31 $\frac{1}{2}$ ° W., 165 lks. dist., marked T42S R4W S25 BTA cedar, 10 ins. diam., bears N. 21 $\frac{1}{2}$ ° W., 245 lks. dist., marked T42S R4W S24 BT

Corner stands in open hollow near SW. bank of wash, bearing S. 80° E.

Land, low broken and hilly, with general east exposure and drainage.

Soil, heavy clay mixed with some rock of sandstone formation; 3rd rate.

Timber, medium dense scrub cedar and pinon.

Undergrowth, sagebrush, greasewood and service brush.

Fair grazing land.

From the restored cor. of secs. 23, 24, 25 and 26.

West, on true line, bet. secs. 23 and 26.

Over broken and hilly land with a general S. exposure, through medium dense timber, and scattered undergrowth, gradually ascend along top of low ridge.

- 1.50 Leave top of ridge, bears N. 70° W., and E., thence along a broken general S. slope.
- 10.00 Spur, 50 ft. above sec. cor., projects S.
- 21.40 Draw, 120 ft. below spur, drains SE
- 31.20 Spur, 80 ft. above draw, projects S. 30° E.
- 35.30 Draw, 60 ft. below spur, drains SE.
- 39.10 Spur, 60 ft. above draw, projects S., desc. 15 ft. to
- 40.00 No evidence of the original $\frac{1}{4}$ sec. cor. as found. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for restored $\frac{1}{4}$ sec. cor. of secs. 23 and 26, with brass cap marked

$\frac{323}{326}$
 1928

from which

A cedar, 10 ins. diam., bears N. 40° W., 70 lbs. dist., marked $\frac{1}{4}$ S23 BT

A pinon, 6 ins. diam., bears S. 30° W., 39 lbs. dist., marked $\frac{1}{4}$ S26 BT

Corner stands on steep W. slope.

For land description see survey of W. $\frac{1}{4}$ mile.

From the restored cor. of secs. 23, 24, 25 and 26, heretofore described

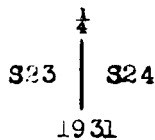
N. 0° 01' W., on true line, bet. secs. 23 and 24.

SUBDIVISION OF T. 42 S., R. 4 W.

Chains

Over broken and hilly land, through medium dense cedar and pinon timber, and scattered undergrowth; descend steep N. slope from cor. on ridge.

- 6.90 Draw, 125 ft. below cor., drains N.85°E.; gradually asc. SE. slope.
- 10.00 Top of E. end of low spur from W., 40 ft. above draw; gradually descend NE. slope, 50 ft. to
- 18.80 A main draw, drains SE.; gradually asc. broken S. slope.
- 38.00 Low spur, 145 ft. above draw, projects SE.; descend NE. slope 25 ft. to
- 40.00 No evidence of the original $\frac{1}{4}$ sec. cor. could be found. Set an iron post, 3 ft. long, $1\frac{1}{2}$ in. diam., 27 ins. in the ground, for restored $\frac{1}{4}$ sec. cor. of secs. 23 and 24, with brass cap marked



from which

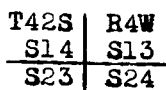
A pinon, 10 ins.diam., bears S.80 $\frac{1}{2}$ °E., 48 lks. dist., marked $\frac{1}{4}$ S24 BT

A pinon, 8 ins.diam., bears N.87 $\frac{1}{2}$ °W., 41 lks. dist., marked $\frac{1}{4}$ S23 BT

Corner stands on steep NE. slope.

The above $\frac{1}{4}$ sec. cor. marks end of resurvey line, thence with new survey of subdivisions.

- 42.00 Small draw, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.; begin steeper ascent over broken S. slope towards base of Vermillion Cliffs.
- 62.00 Base of Vermillion Cliffs; bears E. and W.; ascend abrupt S. face over high, broken red sandstone ledges, 400 ft. to
- 68.00 Top of ledges, bears E. and W.; continue steep ascent over S. slope.
- 75.60 Top of ridge on mesa top, 720 ft. above sec. cor., bears E. and W.; descend N. slope, 85 ft. to
- 80.00 At base of steep N. slope, bears E. and N.70°W., Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked



1932

from which

A pinon, 8 ins.diam., bears N.40°E., 72 lks. dist., marked T42S R4W S13 BT

A pinon, 12 ins.diam., bears S.46°E., 70 lks. dist., marked T42S R4W S24 BT

A pinon, 12 ins.diam., bears S.5 $\frac{1}{2}$ °W., 31 lks. dist., marked T42S R4W S23 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A pinon, 15 ins. diam., bears N. $79\frac{1}{2}^{\circ}$ W., 106 lks. dist., marked T42S R4W S14 BT✓

Land, broken and hilly with general E. and SE. slope under Vermillion Cliffs on S. 62 chs.; next 6 chs. is abrupt S. face of cliffs; and remainder of mile broken top of mesa above the cliffs.

Soil, heavy varied colored clay with scattered surface rock on S. portion; rocky in form of ledges and boulders of red sandstone formation along face of Vermillion Cliffs; light sandy loam and rock outcrops on mesa top; 3rd and 4th rates.

Timber, medium dense scrub cedar and pinon.

Undergrowth, sagebrush, with scattered service, oak, buck and bitter brush.

Fair grazing land.

East, on random line for dist., bet. secs. 13 and 24.

34.52 Edge of mesa and top of 100 ft. vertical ledge. The line E. crosses a cove of rim across which it is impracticable to chain; therefore traverse along edge of rim as follows:

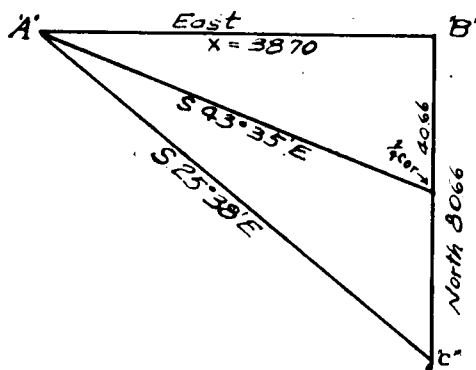
N. $50^{\circ}30'E$, 3.40 chs.,

S. $62^{\circ}10'E$, 4.63 chs., to true line at

41.24 To true line, set flag A.

41.35 Set temp. point for witness 4 sec. cor.

The line to the east descends over SE. face of the Vermillion Cliffs with high, vertical ledges which make chaining impracticable; therefore to determine distance to E. bdy., triangulate as follows: Set flag B on line, East, at the intersection with E. bdy., 66 lks. N. of the true point for original cor. of secs. 13, 18, 19 and 24, and 1.14 chs. S. of the witness cor. to same. From flag A the cor. of secs. 19, 24, 25 and 30 on E. bdy. bears S. $25^{\circ}38'E$, and the original 4 sec. cor. bet. secs. 19 and 24, bears S. $43^{\circ}35'E$. Vertical angle A to B = 27° .



Distance by triangulation
Previous distance on line
total

= 38.70 chs.
= 41.24 "
= 79.94 "

79.94 Intersect the E. bdy. of tp., 66 lks. N. of the true point for the original cor. of secs. 13, 18, 19 and 24, and S. 1.14 chs. of the witness cor. to same. At point of intersection is the true point for cor. of secs. 13 and 24. For description of witness cor. see page 3 of these notes.

Thence from point of intersection and true point for cor. of secs. 13 and 24.

SUBDIVISIONS OF T. 42 S. R. 12 E. S. 13 N.

Chains

West, on true line, bet. secs. 13 and 24, bears

Over rough, broken land through scattered timber and undergrowth; ascend steep E. and SE. slopes.

26.00 (approximate distance) Base of Vermillion Cliffs, bears NE. and SE.; precipitous ascent over high ledges facing SE.

38.59 Top of Vermillion Cliffs and edge of mesa, 1085 ft. above true point for sec. cor. on E. bdy., bears NE. and SW. for 10 lks. dist. thence N. 60° W. As the true point for 4 sec. cor. will fall on impracticable point, therefore at this point which is East 1.38 chs. dist. of true point, set an iron post, 3 ft. long, 1 in. diam., over a cross cut into surface rock, and supported by a large mound of stone, 4 ft. base, 3 ft. high, for witness cor. to the 4 sec. cor., with brass cap marked

W S13
C S24

1932

from which

A pinon, 12 ins. diam., bears N. 23° E., 69 lks. dist., marked WC & S13 BT

No other accessories available.

38.7. Top of 100 ft. vertical ledge, bears N. 60° W., and SE. for 10 lks. thence NE.; thence across cove of rim.

39.97 True point for 4 sec. cor. falls on SW. face of rim where it is impracticable to set a corner.

45.42 Top of same rim, bears NE. and S. 80° W.; thence over broken top of mesa through dense timber; descend along broken S. slope near rim.

59.25 Depression on S. slope, 100 ft. below edge of rim, drains S.; ascend 35 ft. to

63.50 Top of ridge on mesa, bears NE. and SW.; descend 80 ft. over broken W. and NW. slopes to

79.94 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous and broken; general E. and SE. exposure and drainage on E. portion, and to NW. on W. end of mile.

Soil, heavy, sticky varied colored clay with surface rock on E. portion under cliffs; rocky in form of ledges and boulders of red sandstone formation along cliffs; shallow sandy loam and rocky on top of mesa; 3rd and 4th rates.

Timber, cedar and pinon; scattered on E. portion; dense on mesa top.

Undergrowth, scattered sage, service, bitter brush, and oak brush.

Poor to fair grazing land.

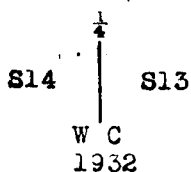
N. 0° 01' W., bet. secs. 13 and 14.

Over broken mesa land facing nearly W. through dense

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

- timber and scattered undergrowth; descend N. slope.
- 4.90 Draw, 55 ft. below sec. cor., drains N.70°W.; gradually
- 18.10 Sandstone ledge, 20 ft. high facing S., bears SE., and NW. for 2 chs., thence N.
- 23.40 Sandy spur, 75 ft. above draw, projects N.70°W.; descend NW. slope.
- 29.10 Draw, drains NW., 110 ft. below spur; asc. S. slope.
- 35.70 Spur, 65 ft. above draw, projects W.; descend NW. slope.
- 40.00 True point for $\frac{1}{4}$ sec. cor. falls on rocky outcrop on steep NW. slope where a permanent cor. could not be established, therefore at
- 40.50 On NW. slope, 40 ft. below spur, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

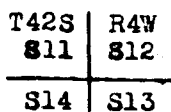


from which

A pinon, 8 ins.diam., bears N.46°45'E., 70 lks. dist., marked WC $\frac{1}{4}$ S13 BT

A pinon, 8 ins.diam., bears N.70½°W., 17 lks. dist., marked WC $\frac{1}{4}$ S14 BT

- 43.80 Draw, 85 ft. below spur, drains S.50°W.; ascend S. slope.
- 54.00 Top of flat sandy ridge, 150 ft. above draw, bears N.80°W. and SE.; also leave nearly all timber, enter clumps of tall service and oak, with dense sagebrush, bears with ridge; gradually descend N. slope, 85 ft. to sec. cor.
- 77.90 Draw, near head, drains N.20°W.
- 80.00 On a gradual W. slope on E. side of draw, Set an iron post, 3 ft. long, 2 ins.diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked



1932.

from which

A cedar, 5 ins.diam., bears S.51°45'E., 39 lks. dist., marked T42S R4W S12 BT

A cedar, 8 ins.diam., bears N.16½°E., 103 lks. dist., marked T42S R4W S12 BT

A cedar, 6 ins.diam., bears N.21½°W., 195 lks. dist., marked T42S R4W S11 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

No tree within limits in sec. 14, or other accessories available.

Land, broken top of mesa with general W. exposure and drainage on S. 54 chs; and rolling top with N. exposure and drainage towards Finn Little Canyon on N. 26 chs..

Soil, loose sandy loam, mixed with rock of sandstone formation; 3rd rate.

Timber, cedar and pinon; dense on S. 54 chs., and very scattered on N. 26 chs..

Undergrowth, medium dense sagebrush, scattered clumps of tall service and oak brush.

Fair grazing land.

East, on random line, bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect E. bdy. of tp., 7 lks. N. of the cor. of secs. 12 and 13, heretofore described on page 3 of these notes.

Thence

N. 89°57' W., on true line bet. secs. 12 and 13.

Over mountainous land through medium dense timber and undergrowth; ascend over steep, broken S. slope.

11.00 Begin abrupt ascent over SE. face of broken red sandstone ledges forming the Vermillion Cliffs, bears N.70°E. and S.70°W.

21.00 Top of main vertical ledge, 85 ft. high, bears NE. for about 7 chs. dist. thence nearly E., and SW. for about 8 chs. dist. thence easterly; continue abrupt ascent over broken ledges and outcrops on SE. slope.

25.15 Top of rim bearing W., and NE. for about 10 chs. thence E. thence along S. edge of rim to

30.35 Top of Vermillion Cliffs and edge of mesa, 500 ft. above sec. cor., bears E., and S. for about 15 chs. dist., thence easterly; head of a gulch draining S.60°E., bears S. of line 50 lks. dist. Gradually asc. E. slope over rolling top of mesa through dense timber.

35.50 Slope changes to a gradual N. and enter scattered timber, bears N. and S.

39.97 On gradual N. slope, 30 ft. above rim, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S12}{S13}$

1932

from which

A cedar, 6 ins.diam., bears S.2 $\frac{1}{2}$ °W., 64 lks. dist., marked $\frac{1}{4}$ S13 BT.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	A cedar, 6 ins. diam., bears N.49 $\frac{1}{2}$ °W., 89 lks. dist., marked $\frac{1}{4}$ S12 BT.
42.60	Rolling top of ridge on mesa, bears N.15°W., and S.; gradually descend over W. slope.
73.00	Enter dense timber, bears N.30°W. and SE.
79.94	The cor. of secs. 11, 12, 13 and 14.
	Land, mountainous with general S. and SE. slope and drainage on E. portion; rolling top of mesa on W. portion.
	Soil, heavy clay with surface strewn with rock, on E. portion under cliffs; rocky in form of ledges and outcrops of red sandstone formation along the Vermillion Cliffs; sandy loam and loose sand on mesa; 3rd and 4th rates.
	Timber, cedar and pinon.
	Undergrowth, medium dense sagebrush, scattered clumps of service, oak, and bitter brush.
	Fair grazing land.
	N. 0°01' W., bet. secs. 11 and 12.
	Over broken mesa land, through dense timber, and scattered undergrowth; gradually descend along a W. slope, on E. side of draw draining nearly N.
10.40	Draw at bend, 45 ft. below sec. cor., drains E.15°W. from S.10°W.; gradually ascend along W. slope.
17.30	Top of ascent on E. side of draw, bears E., and W. 1 $\frac{1}{2}$ chs. dist. to draw; gradually descend.
20.70	Small branch draw, 40 ft. below top of ascent, drains W. 1 ch. dist. to main draw draining N.10°W.; gradually asc. along W. slope, 15 ft. to
22.25	Low flat spur, projects W. 1 $\frac{1}{2}$ chs. dist. to end; descend
24.20	Enter bottom of main draw from S.10°W., 35 ft. below spur, drains N.; thence along general bottom of draw.
26.80	Rocky rim across draw, 15 ft. high, bears W. for 1 ch. dist. thence N. and NW., and N.20°E. 2 chs. thence NE.; continue descent down gulch.
31.20	Junction of small branch draw from SE. with main gulch at this point, 55 ft. below rim; leave bottom of draw, turns NW.; ascend abrupt, broken SW. slope, 125 ft. to
40.00	On top of rim of gulch, bears N.30°W. and S.30°E., Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S11

S12

1932

from which

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A pinon, 10 ins.diam., bears S.26½°E., 14 lks.
dist., marked ¼ S12 BT.

A pinon, 8 ins.diam., bears N.12°45'W., 56 lks.
dist., marked ¼ S11 BT.

Cor. stands on top of red sandstone ledge, 10 ft. high,
facing S., and bears with rim.

48.50 Low flat spur, 15 ft. above ¼ sec. cor., projects NW.;
gradually descend NW. slope.

56.60 Begin steeper descent over NW. slope, bears E. and NW.

62.10 Rocky rim of same gulch, bears N.60°E. and S.60°W;
abrupt descent NW. slope.

69.30 Gulch, 260 ft. below spur, drains N.55°E.; ascend abrupt
SE. slope over broken ledges, 140 ft. to

73.70 Spur, projects E. about 10 chs. dist. to end; abrupt
descent over N. slope, 140 ft. to

78.30 Finn Little Canyon, dry, drains S.80°E. Stock trails
along bottom of canyon. Ascend rocky S. slope, 50 ft. to

80.00 On steep S. slope,

Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in
ground over cross cut into bedrock, and supported by a
large mound of stone to top, for cor. of secs. 1, 2, 11
and 12, with brass cap marked

T42S	R4W
S2	S1
S11	S12

1932

from which

A cedar, 16 ins.diam., bears N.51½°E., 31 lks.
dist., marked T42S R4W S1 BT.

A cedar, 14 ins.diam., bears S.41°45'E., 59 lks.
dist., marked T42S R4W S12 BT.

A cedar, 12 ins.diam., bears S.45°W., 31 lks.
dist., marked T42S R4W S11 BT.

A pinon, 8 ins.diam., bears N.49°W., 3 lks.
dist., marked T42S R4W S2 BT.

Land, broken and mountainous; general W. and NW. exposures
on S. portion, and to E. on N. portion; drainage into
Finn Little Canyon.

Soil, shallow sandy loam and rocky of red sandstone
formation; 3rd and 4th rates.

Timber, dense cedar and pinon.

Undergrowth, medium dense sagebrush, and scattered
service, oak, bitter brush and ooze.

Fair grazing land.

S. 89°57' E., on random line bet. secs. 1 and 12.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect E. bdy. of tp., 5 lks. S. of the cor. of secs. 1 and 12, heretofore described on page 4 of these notes.
	Thence
	N. $89^{\circ}59'$ W., on true line, bet. secs. 1 and 12.
	Over rough, broken mountainous land, through dense timber and scattered undergrowth; ascend abrupt, rocky E. slope along top of spur bet. two canyons.
0.65	Top of a 20 ft. sandstone rim ledge, bears N. 60° W. and SW.
9.35	Rim of canyon on E. point of bench spur from NW., bears N. 60° W. and SW., 200 ft. above sec. cor.; thence over top of bench spur.
13.00	Leave top of spur, and rim of canyon; bears N. 80° E. and S. 80° E.; thence along a steep, rocky and broken general S. slope on N. side of Finn Little Canyon; descend.
25.80	Bottom of steep branch gulch, 180 ft. below rim, drains S. about 10 chs. dist. to Finn Little Canyon draining S. 80° E.; ascend abruptly, 120 ft. to
32.00	Top of ascent on steep S. slope, bears N. and S; gradually descend 50 ft. to
39.98	On steep, rocky S. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bearock, and supported by a large mound of stone to top, for $\frac{1}{4}$ sec. cor.; with brass cap marked
	$\begin{array}{c} S1 \\ \hline S12 \\ 1932 \end{array}$
	from which
	A pinon, 16 ins. diam., bears S. 31° E., 15 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A pinon, 8 ins. diam., bears N. 55° W., 15 lks. dist., marked $\frac{1}{4}$ S1 BT.
56.80	Draw, 220 ft. below $\frac{1}{4}$ sec. cor., drains S. about 4 chs. dist. to canyon; ascend.
59.10	Top of ascent on S. slope, 50 ft. above draw, bears N. and S.; descend.
62.50	Depression on S. slope, 10 ft. below top of ascent, drains S.; ascend.
72.00	Top of ascent on steep S. slope, 85 ft. above depression, bears N. and S.; gradually descend along ledgy S. slope, 75 ft. to sec. cor.
79.96	The cor. of secs. 1, 2, 11 and 12.
	Land, rough and broken mountainous; general S. and SE. exposures and drainage into Finn Little Canyon which drains nearly E. from 2 to 10 chs. S. of line.
	Soil, rocky in form of ledges, outcrops and boulders, of red sandstone formation, with shallow sandy loam;

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

4th rate.

Timber, dense cedar and pinon..

Undergrowth, scattered sagebrush, service and oak brush.

Fair to poor grazing land.

N. 0°01' W., on random line, bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

76.64 Intersect N. bdy. of tp., 2 lks. E. of the cor. of secs. 1, 2, 35 and 36, heretofore described.

Thence

S. 0°02' E., on true line, bet. secs. 1 and 2.

Over rolling mesa or bench land facing NE., through dense sagebrush, and scattered clumps of tall oak and service brush; gradually asc. N. slope, 15 ft. to

7.00 Low rise, slopes off to NE., and bears SW., leave oak and service; continue along a gentle E. exposure.

12.35 Dim wagon road in bottom of wide, shallow swale, bears NE. and SW.; the swale drains NE.; ascend rolling N. slope.

21.00 Enter dense tall service and oak brush, bears NE. and W.

31.31 Rolling top of ridge, 85 ft. above sec. cor., bears N.80°E. and SW.; descend steep S. slope.

36.64 On S. slope, 20 ft. below ridge,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1932

from which

A cedar, 6 ins. diam., bears S.39°W., 31 lks. dist., marked $\frac{1}{4}$ S2 BT

No other tree within limits, or other accessories available.

47.00 Draw, 75 ft. below $\frac{1}{4}$ sec. cor., drains S.70°W. for about 20 chs. thence southerly into Finn Little Canyon; gradually ascend NW. slope, 60 ft. to

59.50 Top of ascent on bench, bears E. and W.; also enter dense timber, bears E. and W.; gradually desc. S. slope, 30 ft. to

68.25 N. rim of Finn Little Canyon, bears N.80°W. and S.80°E.; descend abrupt S. slope over broken sandstone rim ledges, 170 ft. to cor.

76.64 The cor. of secs. 1, 2, 11 and 12.

Land, rolling and broken mesa with general NE. and SW. to S. exposures and drainage.

Soil, loose sand, sandy loam and rocky; 2nd to 4th rates.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

Timber, cedar and pinon, on S. end of mile.

Undergrowth, dense sagebrush, scattered to medium dense clumps of tall service and oak brush.

Good grazing land.

VS SS

From the restored $\frac{1}{4}$ sec. cor. of secs. 23 and 26, heretofore described on page 17 of these notes.

West, on true line, bet. secs. 23 and 26.

Over rough and broken land facing S., through medium dense timber and scattered undergrowth; descend W. slope.

2.00 Small branch draw, 40 ft. below $\frac{1}{4}$ sec. cor., drains S.; ascend broken SE. slope, 60 ft. to

7.80 Spur, slopes off to S; descend along steep SW. slope.

11.50 E. edge of hollow and leave timber, bears NW. and SE.; thence across bottom of large hollow with dense sagebrush, drains SE.

16.40 W. edge of hollow and reenter timber at base of Vermillion Cliffs, bears NW. and SE.; ascend over abrupt, broken E. face over broken red sandstone ledges and clay slopes.

37.70 Top of ledges and Vermillion Cliffs, 620 ft. above hollow, bears N.20°W. and S.30°E.; thence over mesa top.

38.25 Top of rise on mesa, bears N. and S.; gently descend.

40.00 On gentle W. slope,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T42S	R4W
S22	S23
S27	S26

1931

from which

A pinon, 10 ins.diam., bears N.89 $\frac{1}{2}$ °E., 24 lks. dist., marked T.42S R4W S23 BT

A pinon, 8 ins.diam., bears S.48°45'E., 68 lks. dist., marked T42S R4W S26 BT

A pinon, 10 ins.diam., bears S.59°W., 82 lks. dist., marked T42S R4W S27 BT

A pinon, 6 ins.diam., bears N.16°W., 67 lks. dist., marked T42S R4W S22 BT

Land, rough and broken with general S. and SE. exposure and drainage on E. portion of mile; abrupt E. face of Vermillion Cliffs on W. portion.

Soil, heavy varied colored clays with scattered surface rock on E. portion; rocky of red sandstone formation on W. portion; 3rd and 4th rates.

Timber, medium dense cedar and pinon on mile.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

Undergrowth, medium dense sagebrush, and scattered service, oak, bitter brush, and ooze.

Fair grazing land.

South, on a random line, bet. secs. 26 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect a line brought West from the restored $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35. Set temp. sec. cor.

Thence, from the cor. of secs. 22, 23, 26 and 27.

South, on true line, bet. secs. 26 and 27.

Over rolling top of mesa, through medium dense timber and undergrowth; gradually ascend 40 ft. to

8.00 Top of rise, bears N.10°E. and SW.; gradually descend.

16.00 Small draw near head, 60 ft. below rise, drains E.; ascend NE slope, 60 ft. to

22.20 Spur or point of mesa top, projects E. about 10 chs. to end; descend abrupt S. slope, 100 ft. to

28.60 Top of Vermillion Cliffs, bears SW. and N.70°E.; abrupt descent S. face over broken ledges.

38.00 Base of ledges, bears E. and W.; continue descent.

40.00 On SE. slope, 550 ft. below top of cliffs, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S27 | S26
 1931

from which

A pinon, 6 ins. diam., bears S.20°E., 32 lks. dist., marked $\frac{1}{4}$ S26 BT

A cedar, 7 ins. diam., bears S.18°W., 45 lks. dist., marked $\frac{1}{4}$ S27 BT

40.50 Bottom of gulch, 15 ft. below cor., drains S.80°E.; ascend steep N. slope.

53.00 Spur, 290 ft. above gulch, projects E.; descend steep S. slope.

69.00 Draw, 250 ft. below spur, drains E.; continue over broken land facing E.

76.00 Low spur, 150 ft. above draw, projects E.; descend.

79.60 Small draw, 75 ft. below spur, drains E.

80.00 On E. slope, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

T42S | R4W

S27 | S26

S34 | S35

1931

from which

A cedar, 10 ins. diam., bears N. 45° 45' E., 104 lks.
dist., marked T42S R4W S26 BT.

A cedar, 14 ins. diam., bears S. 19½° E., 211 lks.
dist., marked T42S R4W S35 BT.

A pinon, 10 ins. diam., bears S. 83½° W., 102 lks.
dist., marked T42S R4W S34 BT.

A pinon, 16 ins. diam., bears N. 77½° W., 118 lks.
dist., marked T42S R4W S27 BT.

Land, rolling mesa top on N. portion; rough and broken
breaks and slopes with easterly exposure on S. portion.

Soil, rocky with shallow sandy loam on mesa top; rocky
of red sandstone formation with heavy varied colored
clays on S. portion; 3rd and 4th rates.

Timber, cedar and pinon on mile.

Undergrowth, sage, service and oak brush.

Fair grazing.

From the restored ¼ sec. cor. of secs. 26 and 35.

West, on true line, bet. secs. 26 and 35.

Over rolling and broken land facing E., through dense,
short undergrowth.

8.50 Wash, 50 lks. wide, 3 ft. deep, drains N. 70° E.

9.00 Enter medium dense cedar and pinon timber, bears N. and S.

15.00 No trace of the witness cor./reported set at this point.
to corner of sections 26, 27, 34 and 35

24.00 Begin steeper ascent over broken E. slope.

38.00 Small draw, drains S. 70° E., 200 ft. above ¼ sec. cor.

39.58 Intersect the cor. of secs. 26, 27, 34 and 35.

Land, rolling valley on E. portion; broken on W. portion.

Soil, heavy clay and sandy loams, with scattered rock
on W. portion; 2nd to 3rd rates.

Timber, cedar and pinon, on W. portion of mile.

Undergrowth, sagebrush, scattered service and oak.

Fair grazing land.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

301010

South, on random line, bet. secs. 34 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.24 Intersect S. bdy. of tp., N.89°55'W., 39.11 chs. dist. from the restored $\frac{1}{4}$ sec. cor. on S. bdy. sec. 35, and S.89°55'E., 3.15 chs. dist. from the cor. of secs. 2 and 3 on N. bdy. of T. 43 S., R. 4 W. Point of intersection falls on steep SW. slope of blue clay hill where it is impossible to set a permanent cor., therefore a witness cor. to the cor. of secs. 34 and 35, is established N.89°55' W., 89 lks. dist., for description of same see survey of N. bdy. T.43 S., R.4 W., this group.

Thence, from the cor. of secs. 26, 27, 34 and 35.

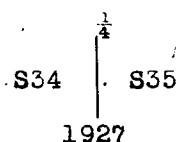
South, on true line, bet. secs. 34 and 35...

Over rough broken land lying along base of the Vermillion Cliffs, facing E., through medium dense cedar and pinon timber, and undergrowth of sage, service and oak brush; gradually descend broken E. and SE. slopes...

22.75 Gulch, 180 ft. below sec. cor., drains N.60°E.; ascend broken N. slope.

35.50 Spur, 230 ft. above gulch, slopes off E., and bears W. about $1\frac{1}{2}$ chs. dist. to base of high ledges bearing nearly S. and W.; thence along a steep, broken E. slope.

40.12 On steep E. slope, 30 ft. below spur,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 12 ins. diam., bears S.19 $\frac{1}{4}$ °E., 81 lks. dist., marked $\frac{1}{4}$ S35 BT.

68. No suitable tree within limits in sec. 34, or other accessories available.

Continue along a very broken and steep E. slope.

72.70 Old brush fence on top of spur, bears SE., and N.80°W. about 6 chs. dist. to base of cliffs; desc. steep S. slope, 220 ft. to

80.24 The true point for cor. of secs. 34 and 35 on S. bdy., which is witnessed N.89°55'W., 89 lks. dist.

Land, rough and broken with general E. slope and drainage; line follows along base of the Vermillion Cliffs W. of line.

Soil, clay and rocky; 4th rate.

Timber, medium dense cedar and pinon.

Undergrowth, scattered to medium dense sage, service, oak and bitter brush.

Fair grazing land.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

From the cor. of secs. 22, 23, 26 and 27.

N. 0°01' W., bet. secs. 22 and 23.

Over broken land on mesa, through medium dense timber and undergrowth; gradually descend over NW. slope to

4.80 S. rim of canyon, bears E. and W.; descend abrupt, broken N. slope over sandstone ledges.

13.10 Top of a 65 ft. sandstone ledge facing N., bears E. and W.

20.10 Bottom of canyon, 440 ft. below sec. cor., drains SE.; ascend abrupt N. side over broken ledges.

23.80 Top of a broken ledge facing S., 150 ft. high, bears E. about 10 chs. dist. thence SE., and W. about 10 chs. dist., thence SW.

30.90 N. rim of canyon, 430 ft. above bottom, bears E. and W.; thence gradually ascend over mesa top.

38.30 Rolling top of sandy ridge, 35 ft. above rim, bears N.75°W. and S.75°E.; slight descent over rolling N. slope.

40.00 On slight N. exposure,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S22 | S23
 1932

from which

A pinon, 6 ins.diam., bears S.17°E., 42 lks. dist., marked $\frac{1}{4}$ S23 BT

A cedar, 16 ins.diam., bears S.17 $\frac{1}{2}$ °W., 100 lks. dist., marked $\frac{1}{4}$ S22 BT

56.50 Swale near head, drains N.75°E., 30 ft. below $\frac{1}{4}$ sec. cor. gradually asc. along SE. and E. slopes, 10 ft. to

63.00 Rolling top of ridge on mesa, bears N.10°E. and S.30°W.; thence gradually descend along general W. exposure.

80.00 On gentle W. slope, 15 ft. below ridge,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T42S | R4W
 S15 | S14
 S22 | S23
 1932

from which

A cedar, 10 ins.diam., bears N.79 $\frac{1}{2}$ °E., 88 lks. dist., marked T42S R4W S14 BT

A cedar, 5 ins.diam., bears S.60°E., 91 lks. dist., marked T42S R4W S23 BT

A cedar, 8 ins.diam., bears S.71 $\frac{1}{2}$ °W., 125 lks. dist., marked T42S R4W S22 BT ✓

SUBDIVISIONS OF T42 S. R. 4 W.

Chains

A cedar, 6 ins. diam., bears N. $72\frac{1}{2}^{\circ}$ W., 53 lks. dist., marked T42S R4W S15 BT

Land, rolling and broken mesa top; general easterly exposure and drainage on S. 63 chs., and to W. on remainder of mile.

Soil, deep, loose sandy loam on rolling top; rocky of red sandstone formation in form of ledges, outcrops and surface rock on steep canyon slopes in S. portion of mile; 2nd to 4th rates.

Timber, medium dense cedar and pinon.

Undergrowth, medium dense sagebrush, and scattered ooze, bitter brush, service berry and Brigham tea.

Fair grazing land.

East, on random line, bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

73.90 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

S. $89^{\circ}57'$ W., on true line, bet. secs. 14 and 23.

Over rough, broken mesa land, through dense timber and scattered undergrowth; along N. slope to

1.10 Begin steep ascent over NE. slope.

4.90 Spur, 40 ft. above cor., projects NW.; descend broken NW. slope.

25.00 Top of broken red sandstone ledge facing W., bears N. $1\frac{1}{2}$ chs. and S. $2\frac{1}{2}$ chs. dist. to end; descend abrupt W. slope.

27.50 Steep branch draw, 365 ft. below spur, drains N. 15° W. for about 8 chs. dist. to junction with large draw, thence W.; thence along steep N. slope.

35.20 Spur, 50 ft. above draw, projects NW.; descend steep W. slope over broken ledges.

39.50 As the true point for $\frac{1}{4}$ sec. cor. will fall in small gully, therefore at this point, Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and supported by a mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

W $\frac{1}{4}$ S14
C $\frac{1}{4}$ S23
1932

from which

A pinon, 16 ins. diam., bears S. $11\frac{1}{2}^{\circ}$ W., 9 lks. dist., marked WC $\frac{1}{4}$ S23 BT

A pinon, 14 ins. diam., bears N. $37\frac{1}{2}^{\circ}$ W., 18 lks. dist., marked WC $\frac{1}{4}$ S14 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

- Corner on steep, broken NW. slope, 100 ft. below spur.
- 39.95 True point for $\frac{1}{4}$ sec. cor. falls in bottom of small gully on steep NW. slope, drains NW., where it is impracticable to set a permanent cor.
- 43.20 Bottom of canyon, 135 ft. below witness $\frac{1}{4}$ cor., drains SW. for 4 chs. dist. thence S.; ascend abrupt E. slope over broken ledges.
- 50.20 Top of broken red sandstone ledges 150 ft. high facing E., bears N.10°E. and S.10°W.
- 54.15 W. rim of canyon, 430 ft. above bottom, bears N. and S.; thence over rolling top of mesa.
- 72.40 Top of rolling ridge, bears N.20°E. and S.20°W.; gentle descent of 15 ft. over W. slope.
- 79.90 The cor. of secs. 14, 15, 22 and 23.

Land, rough and broken slopes of canyon and mesa rims on E. portion; rolling top of mesa on W. end of mile; drainage S.

Soil, rocky in form of broken ledges, outcrops and boulders with shallow sandy loam on rough slopes; deep loose sandy loam on rolling mesa top; 2nd to 4th rates.

Timber, cedar and pinon.

Undergrowth, sagebrush, service, oak, ooze and bitter brush.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Over rolling mesa land with a general westerly exposure, through medium dense timber and undergrowth; along a gentle W. slope.

- 13.00 Begin gentle descent along W. slope.
- 28.70 Swale, 40 ft. below sec. cor., drains W.; enter more scattered timber, and heavier undergrowth, bears NE. and SW.
- 40.00 On gentle W. slope, 50 ft. below sec. cor., Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S15 | S14
 1932

from which.

A cedar, 4 ins. diam., bears S.72°E., 115 lks. dist., marked $\frac{1}{4}$ S14 BT

A cedar, 24 ins. diam., bears N.24°W., 40 lks. dist., marked $\frac{1}{4}$ S15 BT

- 58.00 Top of low rolling rise, 15 ft. above $\frac{1}{4}$ sec. cor., bears W. and S.70°E.; gently descend along W. and NW. slopes.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

ar. 12.53

- 72.00 Slope changes to a N. slope, bears E. and W.
- 80.00 On gradual N. slope, 65 ft. below rise,
Set an iron post, 3 ft. long, 2 1/2 ins. diam., 27 ins. in
the ground, for cor. of secs. 10, 11, 14 and 15, with
brass cap marked

T42S	R4W
S10	S11
S15	S14

1932

from which

A cedar, 3 ins. diam., bears N. 73 1/2° E., 107 lks.
dist., marked B T.

A cedar, 10 ins. diam., bears S. 23° 45' E., 184 lks.
dist., marked T42S R4W S14 BT

A cedar, 14 ins. diam., bears S. 10 1/2° W., 266 lks.
dist., marked T42S R4W S15 BT

No tree within limits in sec. 10, or other accessories
available.

Land, rolling top of mesa or bench with a general
westerly exposure and drainage.

Soil, deep, loose sandy loam and sand; 3rd rate.

Timber, cedar and pinon; medium dense on S. portion and
scattered on N. portion of mile.

Undergrowth, dense sagebrush with scattered clumps of
tall service and oak brush, and Brigham tea and ooze.

Good grazing land.

N. 89° 57' E., on random line, bet. secs. 11 and 14.

- 40.00 Set temp. 1/4 sec. cor.
- 79.88 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
11, 12, 13 and 14.
- Thence
- West, on true line, bet. secs. 11 and 14.
- Over rolling mesa top through dense sagebrush and
service berry brush; gradual descent W. slope to
- 0.65 Draw, (branch of Pine Little Canyon) 5 ft. below sec.
cor., drains N. 20° W.; gradually ascend E. and NE. slopes.
- 13.50 Rolling top of sandy ridge, 65 ft. above sec. cor.,
slopes N., and bears S.; gradually descend general N.
slope, entering medium dense tall service brush.
- 26.20 Sandy swale, 20 ft. below ridge, drains N.; gradually
ascend.
- 39.94 On gentle N. slope on top of wide, rolling ridge, 15 ft.
above swale, in dense brush,
Set an iron post, 3 ft. long, 1 1/2 ins. diam., 27 ins. in
the ground, for 1/4 sec. cor., with brass cap marked

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

S11

1/4 S14

1932

Deposit a sandstone, 4x4x4 ins., marked with a cross (X) at base of post. Other accessories impracticable.

Gradually descend W. and NW. slopes.

54.25 Swale, 70 ft. below 1/4 sec. cor., drains NW. for about 12 chs. dist. thence to W.; gradually ascend NE. slope.

69.00 Low sandy spur, 55 ft. above swale, projects NW. about 7 chs. dist. to end; descend W. and NW. slope, 60 ft. to

79.88 The cor. of secs. 10, 11, 14 and 15.

Land, rolling mesa with general northerly and north-westerly exposures and drainage.

Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.

Undergrowth, medium dense sagebrush, service and oak brush.

No timber. Good grazing land.

N. 0°01' W., bet. secs. 10 and 11.

Over rolling land with a general westerly exposure, through dense sagebrush 3 to 4 ft. high, and scattered clumps of service brush 6 to 15 ft. high; gentle descent N. slope to

3.40 Swale, 5 ft. below cor., drains S. 70°W.; ascend gradual S. slope, 20 ft. to

10.30 Top of rise, bears N. 50°E. and S. 55°W.; thence over gentle NW. and N. slopes.

25.60 Swale, 40 ft. below rise, drains W. for about 8 chs. dist. thence nearly S.; ascend SW. slope.

31.00 Rolling top of ridge, 30 ft. above swale, bears E. and W.; gradually descend NW. slope, entering heavier service brush.

39.00 Enter dense clump of oak brush, 20 ft. high, bears NW. and E.

40.00 On gentle NW. slope at N. edge of the oak brush, 15 ft. below ridge,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S10

S11

1932

from which

An oak, 3 ins. diam., bears S. 20°E., 55 lbs. dist., marked 1/4 S11 BT

An oak, 3 ins. diam., bears S. 7°E., 49 lbs. dist., marked 1/4 S10 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

- 42.30 Swale near head, drains N-70°W.
- 65.30 Rolling top of rise, 25 ft. above $\frac{1}{4}$ sec. cor., bears N.10°W. and SE.; slight descent over NE. slope, 40 ft. to
- 80.00 On gentle NE. slope,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T42S	R4W
S3	S2
S10	S11

1932

from which

An oak, 3 ins.diam., bears N.16 $\frac{1}{4}$ °E., 49 lks. dist., marked S2 BT

An oak, 3 ins.diam., bears N.46°W., 28 lks. dist., marked S3 BT

No other accessories available.

Land, rolling mesa or bench with a general westerly exposure and drainage.

Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.

Undergrowth, dense sagebrush, scattered to medium dense clumps of tall service and oak brush.

No timber.

Good grazing land.

East, on random line bet. secs. 2 and 11.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.80 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 1, 2, 11 and 12.
- Thence
- S. 89°56' W., on true line bet. secs. 2 and 11.
- Over rough, broken land through medium dense timber and undergrowth; descend rocky SW. slope, 30 ft. to
- 1.20 Enter bottom of Finn Little Canyon, dry, drains S.75°E.
- 5.30 Leave bottom of canyon, bears N.75°W. and S.75°E.; ascend steep NE. slope, 75 ft. to
- 13.10 Top of ascent on steep N. slope, bears N.1 $\frac{1}{2}$ chs. dist. to canyon, and ascends to S.; descend 30 ft. over NW. slope.
- 15.50 Gulch from S.20°W., drains N. 1 ch. dist. to canyon; gradually ascend along N. slope, 40 ft. to
- 23.40 Recross bottom of Finn Little Canyon, drains N.80°E.; heads about 10 chs. dist. to SW. Ascend steep, rocky E. slope of canyon.

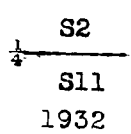
SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

25.50 Rocky rim of canyon, 65 ft. above bottom, bears NE. and SW.; continue gradual ascent over SE. and S. slopes.

26.50 Leave medium dense, enter scattered timber and heavier undergrowth, bears with rim.

39.90 On SE. slope, 135 ft. above canyon, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 4 ins.diam., bears S.17°E., 234 lks. dist., marked $\frac{1}{4}$ S11 BT.

A cedar, 9 ins.diam., bears N.6°E., 234 lks. dist., marked $\frac{1}{4}$ S2 BT.

42.30 Rolling top of ridge, 10 ft. above $\frac{1}{4}$ sec. cor., bears N.30°E. and S.10°W.; thence over gently rolling mesa top, gradual descent NW. exposure.

51.70 Shallow swale, 40 ft. below ridge, drains N.20°W.

56.00 Top of sandy ridge, 15 ft. above swale, bears N.30°W. and S.30°E.; gradual descent over W. slope.

77.00 Shallow swale, 45 ft. below ridge, drains NW.; ascend 5 ft. to cor.

79.80 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and broken mesa top; E. portion broken by Finn Little Canyon, draining easterly; general NW. exposure and drainage on W. portion.

Soil, rocky of red sandstone formation with shallow sandy loam on E. portion; deep, loose sandy loam and sand on W. portion; 2nd and 3rd rates.

Timber, cedar and pinon, medium dense on E. portion and very scattered on W. portion.

Undergrowth, dense sagebrush, scattered clumps of tall service and oak brush.

Good grazing land.

N. 0°02' W., on random line, bet. secs. 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

76.60 Intersect N. bdy. of tp., 21 lks. E. of the cor. of secs. 2, 3, 34 and 35, heretofore described.

Thence

S. 0°11' E., on true line, bet. secs. 2 and 3.

Over rolling sandy land, through dense sagebrush and scattered service and oak brush; gradually ascend N. slope.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

- 9.70 Low sandy rise, 25 ft. above sec. cor., slopes N. 70° E. from S. 70° W.; thence over a gradual E. slope line.
- 22.00 Center of wide, shallow swale, drains E. over a gradual N. slope.
- 36.60 In wide swale, 30 ft. above sec. cor., drains N. 30° E. Set an iron post, 3 ft. long, 1 in. diam., 27 in. above the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- 33 | 32
1932
- Alongside of post, set an oak post, 6 ins. diam., 6 ft. long, 3 ft. in the ground. Other accessories impracticable.
- 36.70 Dim wagon road, bears N. 70° E. and S. 70° W.; ascend gradual N. slope.
- 47.60 Enter dense service and oak brush, bears E. and W.
- 64.20 Rolling top of low rise, 65 ft. above $\frac{1}{4}$ sec. cor., bears NW. and S. 80° E.; thence over gentle W. slope.
- 73.30 Shallow swale, 15 ft. below ridge, drains NW.; gently ascend NE. slope, 10 ft. to cor.
- 76.60 The cor. of secs. 2, 3, 10 and 11.
- Land, rolling mesa or bench with a gradual NE. and NW. exposure and drainage.
- Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.
- Undergrowth, dense sagebrush, 3 to 4 ft. high, and scattered to medium dense clumps of service and oak brush, 6 to 15 ft. high.
- Timber, few widely scattered cedars on portions of mile.
- Good grazing land.

From the true point for the cor. of secs. 33 and 34 on S. bdy. of tp., witness cor. to same is S. 89° 55' E., 41 lks. dist., and is an iron post, 2 ins. diam., properly marked and witnessed as described in the official records of the survey of E. bdy. T. 42 S., R. 4 W., this group.

Thence

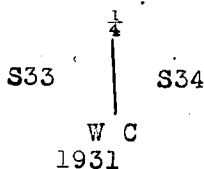
N. 0° 02' W., bet. secs. 33 and 34.

Over rough, broken and mountainous land, through medium dense timber and scattered undergrowth; ascend abrupt SW. slope over series of rim ledges facing SW.

- 3.90 Top of main rim ledge, 160 ft. above true cor. point, bears SE. and W. for about 2 chs. thence N.
- 5.00 Top of bench spur, 180 ft. above cor. point, bears E., and extends W. about 2 chs. to W. point; thence along a broken, ledgy general W. face; descend.
- 15.30 Saddle, 230 ft. below spur, drains E.; ascend over ledges on S. and SW. slopes.

SUBDIVISIONS OF T. 42 S., R. 4 W.

- Chains**
- 24.40 W. point of flat spur bench from NE., 270 ft. above gulch; descend over ledges.
- 30.00 Depression on W. slope, 70 ft. below top, drains SW.; ascend broken S. and SW. slopes over rim ledges..
- 40.00 True point for $\frac{1}{4}$ sec. cor. falls on steep sloping bedrock where a permanent cor. could not be established, therefore at
- 40.25 On steep S. slope, 85 ft. above depression, Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and supported by a large mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

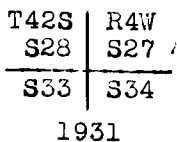


from which

A pinon, 12 ins.diam., bears N.65°E., 42 lks. dist., marked WC $\frac{1}{4}$ S34 BT.

A pinon, 6 ins.diam., bears N.53°W., 40 lks. dist., marked WC $\frac{1}{4}$ S33 BT.

- 43.10 High, long, rocky spur, 40 ft. above witness $\frac{1}{4}$ sec. cor. projects NW. for about 10 chs. dist., thence circles to SW. and S.; descend steep, rocky N. slope.
- 64.40 Narrow, rocky canyon, 330 ft. below spur, drains N.80°W.; gradually ascend over broken SW. slope, over small rim ledges..
- 79.00 Small drain, course SW.
- 80.00 On a gradual S. slope, 140 ft. above canyon, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked



from which

A cedar, 14 ins.diam., bears N.34½°E., 65 lks. dist., marked T42S R4W S27 BT.

A cedar, 14 ins.diam., bears S.39½°E., 65 lks. dist., marked T42S R4W S34 BT.

A pinon, 8 ins.diam., bears S.64½°W., 121 lks. dist., marked T42S R4W S33 BT.

A cedar, 14 ins.diam., bears N.41½°W., 80 lks. dist., marked T42S R4W S28 BT.

Land, rough, broken and mountainous with a general SW. and W. exposure and drainage; S. portion of mile is along the breaks of the Vermillion Cliffs which have a general southerly exposure; and remainder of mile is broken mesa top.

Soil, rocky and shallow sandy loam; red sandstone

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

formation, in form of rim ledges, bedrock, outcrops and surface rock; 4th rate.

Timber, medium dense cedar and pinon.

Undergrowth, scattered sagebrush, service, oak, bitter brush, and ooze.

Poor grazing land.

S. $89^{\circ}55'$ E., on random line, bet. secs. 27 and 34.

49.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

N. $89^{\circ}58'$ W., on true line, bet. secs. 27 and 34.

Over rough mountainous land facing E., through medium dense timber and undergrowth; ascend steep, broken and rocky E. slope.

7.50 Base of red sandstone ledges, bears N. and S.; thence abrupt ascent over E. face of Vermillion Cliffs with broken ledges.

18.00 Top of ledges and Vermillion Cliffs, 615 ft. above sec. cor., bears N. 20° E. and S. 20° W.; thence over rolling top of mesa, gently ascend a slight N. slope.

28.50 Top of flat rise on mesa, 50 ft. above rim, bears N. and S.

39.93 On nearly level top of mesa, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S27

$\frac{1}{4}$ —————

S34

1931

from which

A cedar, 16 ins. diam., bears S. 38° W., 165 lks. dist., marked $\frac{1}{4}$ S34 BT.

A cedar, 10 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ W., 162 lks. dist., marked $\frac{1}{4}$ S27 BT

43.00 Begin gradual descent over broken and rocky W. slope.

46.30 Draw, near head, 60 ft. below $\frac{1}{4}$ sec. cor., drains NW.; continue along a broken N. slope.

56.90 Draw near head, 40 ft. deep, drains N.

64.00 Flat top of ridge, 110 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend steep, rocky W. slope, 190 ft. to sec. cor.

78.50 Small drain, course SW.

79.86 The cor. of secs. 27, 28, 33 and 34.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	<p>Land, mountainous with abrupt E. face of Vermillion Cliffs on E. 18 chs.; remainder is rolling and broken mesa land, with N. and W. exposures.</p> <p>Soil, rocky with shallow sandy and clay loams on rough portions; deep, loose sandy loam on rolling top of mesa; 2nd to 4th rates.</p> <p>Timber, medium dense cedar and pinon, on mile.</p> <p>Undergrowth, sage, service and oak brush.</p> <p>Fair grazing land.</p>
	<hr/> <p>N. 0°02' W., bet. secs. 27 and 28.</p> <p>Over rough, broken mesa land with a general westerly exposure, through dense timber and scattered undergrowth; ascend rocky S. slope, 85 ft. to</p>
6.35	Narrow top of ridge, bears E. and N.80°W.; descend steep, rocky N. slope, 140 ft. to
11.90	Gulch, drains N.80°W.; ascend broken and rocky SW. slope.
20.50	N. rim of gulch, 120 ft. above bottom, bears N.80°W. and S.80°E.; thence along a gradual W. slope.
35.10	Rocky rim facing N., bears E. and W.; descend 50 ft. to
39.50	Gulch, 100 ft. below rim at 20½ chs., drains S.80°W.; ascend S. slope.
40.00	On steep S. slope, 40 ft. above gulch, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> S28 | 1931 </div> <div style="text-align: center;"> S27 </div> </div>
	from which
	<p>A cedar, 12 ins. diam., bears N.50°E., 104 lks. dist., marked ¼ S27 BT.</p> <p>A cedar, 20 ins. diam., bears S.81°45'W., 46 lks. dist., marked ¼ S28 BT.</p>
41.20	N. rim of gulch, 50 ft. above ¼ sec. cor.; bears E. and W.; thence gradually descend along a rolling and broken NW. slope.
58.00	Small swale, drains W.
68.80	Draw, 120 ft. below rim, drains W. for about 3 chs. dist. thence SW.; gradually ascend S. slope, 55 ft. to cor.
71.50	Small swale, drains SW.
80.00	On slight S. slope, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

SUBDIVISIONS OF T. 42 S., R. 4 E.

Chains

anishO

T42S	R4W
S21	S22
S28	S27

1931

from which

A cedar, 14 ins. diam., bears N. $63\frac{1}{2}^{\circ}$ E., 36 lks.
dist., marked T42S R4W S22 BT

A pinon, 6 ins. diam., bears S. $44\frac{1}{2}^{\circ}$ E., 97 lks.
dist., marked T42S R4W S27 BT

A cedar, 10 ins. diam., bears S. 21° W., 28 lks.
dist., marked T42S R4W S28 BT

A cedar, 8 ins. diam., bears N. 36° W., 49 lks.
dist., marked T42S R4W S21 BT

Land, rough and broken mesa top with a general westerly exposure and drainage; broken by gulches and sandstone rims.

Soil, rocky and shallow sandy loam and sand; sandstone formation; 3rd and 4th rates.

Timber, dense cedar and pinon.

Undergrowth, scattered sage, service and oak brush.
Fair grazing land.

S. $89^{\circ}58'$ E., on random line, bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

N. $89^{\circ}58'$ W., on true line, bet. secs. 22 and 27.

Over broken mesa top through medium dense timber and scattered undergrowth; gradually descend over rocky NW. and N. slopes.

5.30 Head of small draw, 75 ft. below sec. cor.; drains N.; continue along a broken N. slope.

13.60 E. rim of gulch, 50 ft. above draw, bears N. 10° E. and S. 10° W.; descend steep W. slope over rim ledges.

23.80 Bottom of deep, rocky gulch, 185 ft. below rim, drains NE.; ascend abrupt E. slope over ledges.

28.00 W. rim of gulch and top of ledges, 140 ft. above bottom, bears NE. and SW.; gradually ascend E. slope.

39.95 On top of rise, 205 ft. above gulch, bears N. and S. 20° W., Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S22

S27

1931

from which

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A cedar, 10 ins.diam., bears N.69 $\frac{1}{2}$ °E., 44 lks.
dist.,marked $\frac{1}{4}$ S22 BT

A cedar, 8 ins.diam., bears S.31 $\frac{1}{2}$ °W., 50 lks.
dist.,marked $\frac{1}{4}$ S27 BT

Thence over gently rolling, sandy land, through scattered timber and heavier undergrowth.

79.90 The cor. of secs. 21, 22, 27 and 28, 65 ft. below $\frac{1}{4}$ sec. cor.

Land, broken and rolling mesa top.

Soil, rocky of sandstone formation with shallow sandy loam on E. $\frac{1}{2}$ mile; deep, loose sandy loam on W. $\frac{1}{2}$ mile; 2nd to 4th rates.

Timber, cedar and pinon; medium dense on E. $\frac{1}{2}$ mile, and scattered on W. $\frac{1}{2}$ mile.

Undergrowth, medium dense sagebrush, 3 to 4 ft. high, and scattered service and oak brush, 6 to 10 ft. high.

Good grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Over rolling land, through medium dense timber and undargrowth; slight ascent over S. slope of 5 ft. to

4.00 Rolling top of flat ridge, bears nearly E. and W.; gently descend rolling N. and NE. slopes, entering scattering timber.

40.00 On top of sandy rise, bears E. and W., 90 ft. below cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22
 1931

from which

A cedar, 8 ins.diam., bears N.69°W., 442 lks.
dist.,marked $\frac{1}{4}$ S21 BT

No other accessories available.

Gradually descend NE. slope, through heavier brush.

70.20 Rocky rim of gulch, bears N.80°W. and S.80°E.; descend abrupt N. slope, 40 ft. to

73.10 Gulch, 170 ft. below $\frac{1}{4}$ sec. cor., 2 chs. W. of junction of gulches from S.20°E. and SE.; drains N.70°W. for about 5 chs. dist., thence nearly N.; ascend SW. slope.

76.00 Rocky rim of gulch, 55 ft. above bottom, bears N.10°W. and SE., thence along a gradual W. slope, entering heavier timber.

80.00 On W. slope,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

~~SECTION 15, 16, 21 AND 22~~

Chains

the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T42S	R4W
S15	S16
S21	S22

1931

from which

A cedar, 14 ins. diam., bears N. $42\frac{1}{2}^{\circ}$ E., 91 lks.
dist., marked T42S R4W S15 BT.

A cedar, 10 ins. diam., bears S. 75° E., 56 lks.
dist., marked T42S R4W S22 BT.

A pinon, 8 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ W., 23 lks.
dist., marked T42S R4W S21 BT.

A cedar, 8 ins. diam., bears E. $6\frac{1}{2}^{\circ}$ W., 78 lks.
dist., marked T42 S R4W S16 BT.

Land, rolling and broken mesa top with general northerly exposure and drainage.

Soil, deep, loose sandy loam, and rocky along gulch;
2nd to 4th rates.

Timber, cedar and pinon.

Undergrowth, sage, service, oak, Brigham tea and ooze.

Good grazing land.

S. $89^{\circ}58'$ E., on random line, bet. secs. 15 and 22.

10.00 Set temp. $\frac{1}{4}$ sec. cor.

12.00 Intersect E. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence

N. $89^{\circ}57'$ E., on true line bet. secs. 15 and 22.

Over rolling land with a general westerly exposure, through medium dense timber and undergrowth; gradually descend W. slope.

11.00 Timber becomes scattering, bears NE. and SW.

37.50 Enter dense timber, bears N. and S.

39.30 Top of sandstone rim ledge facing W., 15 ft. high, bears E. about $3\frac{1}{2}$ chs., and NW. 1 ch. dist. to end.

39.90 On E. side bottom of draw, 140 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S15
S22
1931

from which

00.00

Chains

A cedar, 6 ins. diam., bears S. 20° 45' W., 73 lks.
dist., marked $\frac{1}{4}$ S22 BT ✓

A cedar, 14 ins. diam., bears N. 65° W., 111 lks.
dist., marked $\frac{1}{4}$ S15 BT ✓

- 40.15 Bottom of draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains N. 60° W.
for about $3\frac{1}{2}$ chs. dist. to junction with small draw from
N. 80° E., thence westerly; gradually ascend, 30 ft. to
- 43.80 Top of ascent on N. slope, bears S., and N. $2\frac{1}{2}$ chs. dist.
to end of draw; descend, 30 ft. to
- 46.80 Depression on N. slope drains N. $\frac{1}{2}$ ch. dist. to bend in
box gulch from NE. to course N. 70° W.; gradually ascend
broken N. slope.
- 52.50 Leave medium dense, enter scattering timber, bears NW.
and SE.
- 57.00 Rolling top of rise, 35 ft. above depression, bears
NW. and SE.; gradually descend rolling W. slope, 50 ft. to
- 79.90 The cor. of secs. 15, 16, 21 and 22.
- Land, rolling mesa top with a gradual, general W. expo-
sure and drainage.
- Soil, deep, loose sandy loam, except along edges of draw
where it is rocky of sandstone formation; 2nd and 3rd
rates.
- Timber, scattered to medium dense cedar and pinon.
- Undergrowth, dense sagebrush, with scattered to medium
dense service, oak, bitter brush and ooze.
- Good grazing land.

N. 0° 02' W., bet. secs. 15 and 16.

Over broken land, through medium dense timber and
undergrowth; along a broken W. slope on E. rim of large
gulch draining N. about 5 chs. dist. W. of line.

- 2.00 Top of rise on W. slope, 10 ft. above cor.; gradually
descend.
- 19.50 Bottom of gulch from S. 70° E., 70 ft. below sec. cor.,
drains W. 1 ch. dist. to main gulch draining N.; thence
along E. edge of bottom main gulch to
- 29.00 Leave bottom, bears N. 10° W. and SE.; ascend rocky W. slope.
- 34.00 Top of ascent on steep W. slope, 75 ft. above bottom,
bears E. and W.; gradually descend along E. rim of gulch.
- 40.00 On steep W. slope, 60 ft. below top of ascent,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S16

S15

1931

from which

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A cedar, 30 ins.diam., bears S.40°E., 45 lks.
dist., marked $\frac{1}{4}$ S15 BT

A pinon, 12 ins.diam., bears N.86°W., 81 lks.
dist., marked $\frac{1}{4}$ S16 BT

41.70 Descend abrupt, rocky NW. slope into gulch, bears S. and NE.

45.60 Bottom of gulch from N.80°E., 165 ft. below $\frac{1}{4}$ sec. cor., drains W. for 2 chs. dist. to main gulch which drains N.10°W.; ascend abrupt SW. slope, 165 ft. to

51.50 Rim of gulch, bears N. and E.; gradually descend along E. rim of gulch, 130 ft. to

66.70 Branch gulch, from NE., drains SW. about 8 chs. dist. to junction with main gulch, thence westerly; ascend steep SE. and S. slopes, 175 ft. to

75.00 Rolling top of ridge, bears NE. and W.; thence over rolling land, entering very scattered timber.

80.00 On gradual NW. slope, 10 ft. below ridge,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T42S	R4W
S9	S10
S16	S15

1931

from which

A cedar, 8 ins.diam., bears N.34 $\frac{1}{4}$ °E., 156 lks.
dist., marked T42S R4W S10 BT

A cedar, 14 ins.diam., bears S.4 $\frac{1}{4}$ °E., 339 lks.
dist., marked T42S R4W S15 BT

A cedar, 16 ins.diam., bears S.9°45'W., 442 lks.
dist., marked T42S R4W S16 BT

No other accessories available.

Land, rough and broken; line follows along rims of rocky gulchs; general NW. exposure and drainage.

Soil, rocky and loose sandy loam; 3rd and 4th rates.

Timber, cedar and pinon.

Undergrowth, dense sage, with scattered service and oak brush.

Fair grazing land.

S. 89°57' E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the cor. of secs. 10, 11, 14 and 15.

Thence

N. 89°57' W., on true line, bet. secs. 10 and 15.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

Over rolling land, through dense short undergrowth and widely scattered timber; gradually descend NW. slope.

5.00 Shallow draw from NE., drains SW..

8.10 Recross same draw, drains NW.

19.30 Recross same draw, 70 ft. below sec. cor., drains SW.; gradually ascend rolling SE. slope.

28.60 Sandy rise, 45 ft. above draw, bears N., and extends S. 5 chs. to end.

30.80 Depression on S. slope, 25 ft. below rise, drains S..

38.00 Top of ascent on flat spur, 45 ft. above depression, projects SW.; thence over slight W. slope.

39.98 On nearly level ground in heavy service brush, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S10
 $\frac{1}{4}$ —————
 S15
 1932

from which

A cedar, 11 ins.diam., bears N.87°45'E., 191 lks. dist., marked $\frac{1}{4}$ S10 BT✓

A pinon, 5 ins.diam., bears S.80½°E., 182 lks. dist., marked $\frac{1}{4}$ S15 BT✓

68.30 Draw, 130 ft. below $\frac{1}{4}$ sec. cor., drains SW.; gradually ascend rolling SE. slope, 65 ft. to

74.00 Rolling top of ridge, bears NE. and SW.; descend NW. slope, 5 ft. to

79.96 The cor. of secs. 9, 10, 15, and 16.

Land, rolling; general W. and SW. exposure and drainage.

Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.

Timber, few scattered cedars and pinon.

Undergrowth, dense sagebrush, with scattered clumps of tall service and oak brush.

Good grazing land.

N. 0°02' W., bet. secs. 9 and 10.

Over rolling bench land with a general westerly exposure through dense, short undergrowth and few scattered trees; gently descend.

40.00 On slight SW. slope, 60 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S9
 $\frac{1}{4}$ —————
 S10

1931

from which

SUBDIVISION OF T. 42 S. R. 4 W.

Chains

Station

A cedar, 10 ins. diam., bears E. 84° E., 200 lks. rev'd
dist., marked $\frac{1}{4}$ S10 BT

A cedar, 18 ins. diam., bears E. 45° E., 190 lks. rev'd
dist., marked $\frac{1}{4}$ S9 BT

00.8

01.8

42.00 Enter dense timber, bears E. and W.

43.00 Top of rise, 20 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.

47.00 E. rim of hollow and leave nearly all timber, bears E. and S. 20° W.; descend broken NW. slope, 100 ft. to

55.00 Base of slope and enter open hollow or draw, bears E. and S. 20° W.; thence along bottom of hollow.

65.50 Dim wagon road in center of hollow, bears N. 20° E. and S. 30° W.; hollow drains S. 30° W.

69.50 Leave bottom of hollow, bears N. 10° E. and S. 30° W.; gradually ascend along rolling E. slope.

77.80 Top of rise on E. slope, 55 ft. above edge of hollow, slopes E.; descend 10 ft. along E. slope to

80.00 On steep E. slope,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T42S	R4W
S4	S3
S9	S10

1931

from which

A cedar, 5 ins. diam., bears N. 84° E., 518 lks. dist., marked T42S R4W S3 BT

A cedar, 6 ins. diam., bears S. 88° E., 546 lks. dist., marked T42S R4W S10 BT

No other accessories available.

Land, rolling; general westerly exposure on S. portion, and easterly on N. end of mile into large hollow, draining about S. 30° W.

Soil, deep, loose sandy loam and sand, except along the E. rim of hollow which is rocky of white sandstone formation; 2nd to 4th rates.

Timber, very scattering cedar and pinon.

Undergrowth, dense sagebrush, and some scattered service and oak brush.

Good grazing land.

S. 89° 57' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

N. 89°57' W., on true line, bet. secs. 3 and 10.

Over rolling land, through medium dense undergrowth of sage, service and oak brush; gradually ascend E. slope.

2.00 Rolling top of ridge, 5 ft. above cor., bears NW. and S.; gradually descend rolling W. slope.

26.00 Swale, 100 ft. below ridge, drains SW. from N.; ascend.

31.15 Low rise, 15 ft. above swale, slopes S. 4 chs. to end.; descend gradual W. slope, 35 ft. to

39.98 On gentle W. slope,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S3

S10

1932

from which

An oak, 3 ins. diam., bears N. 56 $\frac{1}{2}$ ° W., 112 lks. dist., marked $\frac{1}{4}$ S3 BT

No other accessories available.

47.00 Swale at base of descent, 20 ft. below $\frac{1}{4}$ sec. cor., drains S. for about 10 chs. dist. thence SW., and heads N. of line 5 chs. dist.; ascend steep E. slope, 75 ft. to

55.00 Top of E. slope, bears N. and SW.; thence over rolling N. slope, loose sand, and entering few scattered cedars.

68.25 E. rim of hollow, bears N. and S.; descend steep, rocky W. slope.

74.00 Base of slope and enter hollow, bears N. and S.; thence across bottom of open hollow draining S., 215 ft. below E. rim.

77.35 Dim wagon road in hollow, bears N. and S.

79.00 W. edge of hollow, bears N. and S.

79.96 The cor. of secs. 3, 4, 9 and 10, 30 ft. above road.

Land, rolling with a general westerly and southwesterly exposure and drainage.

Soil, deep, loose sandy loam and sand, with rocky of white sandstone formation along E. slope of hollow; 2nd to 4th rates.

Timber, few scattered cedars and pinon on W. end of mile.

Undergrowth, dense sagebrush, 3 to 4 ft. high, with scattered clumps of tall service and oak brush, 5 to 15 ft. high.

Good grazing land.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

anied3

N. 0°11' W., on random line, bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

76.33 Intersect N. bdy. of tp., 7 lks. E. of the cor. of secs. 3, 4, 33 and 34, heretofore described.

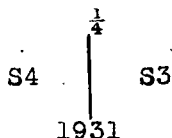
Thence

S. 0°14' E., on true line, bet. secs. 3 and 4.

Over rolling land, through dense undergrowth and few scattered trees; gentle descent over gradual E. slope. Ridge and

16.00 Leave all timber and begin descent over gradual SE. and S. slopes, bears E. and NW.

33.00 Dim wagon road, bears NE. and SW.

36.33 On gentle SW. slope, 125 ft. below sec. cor., Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

from which

A lone cedar, 14 ins. diam., bears N. 17° E., 653 lks. dist., marked $\frac{1}{4}$ S3 BT.

No other accessories available.

43.00 Begin gentle ascent over rolling NW. slope.

60.00 Low, rolling top of spur, 55 ft. above $\frac{1}{4}$ sec. cor., projects SW., also the W. rim of hollow, bears N. 20° E. and SW.; descend along SE. and E. slopes.

71.00 Base of descent in W. edge of hollow, 100 ft. below spur, bears N. 10° E. and S. 20° E.; ascend 15 ft. along E. slope to cor.

76.33 The cor. of secs. 3, 4, 9 and 10.

Land, rolling with a general southerly exposure and drainage.

Soil, deep, loose sandy loam and sand; 3rd rate.

Undergrowth, dense sagebrush, with some scattered service and oak brush.

Timber, few widely scattered cedars and pinons on portions of the mile.

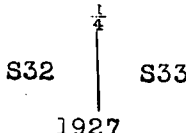
Good grazing land.

From the cor. of secs. 32 and 33 on S. bdy. of tp., which is an iron post, 2 ins. diam., properly marked and witnessed as described in official records of the survey of N. bdy. of T. 43 S., R. 4 W., this group.

Thence

N. 0°03' W., bet. secs. 32 and 33.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	Over rough, broken, and mountainous land with a general westerly exposure towards Seaman Canyon, through medium dense timber and undergrowth; descend abrupt, rocky NW. slope, 100 ft. to
4.90	Fork of Seaman Canyon, dry, drains S.55°W.; ascend abrupt ledgy SE. slope.
9.60	Top of a 100 ft. red sandstone ledge facing SE., bears N.60°E. and S.60°W.
11.10	Spur, 275 ft. above canyon, projects S.50°W.; gradually descend broken NW. slope, 55 ft. to
17.75	Draw, drains W.; ascend abrupt, rocky S. slope.
19.05	Top of a 25 ft. red sandstone ledge, bears E. and W.
20.80	Spur, 75 ft. above draw, projects W.; descend abrupt N. slope, 60 ft. to
23.00	Draw, drains W.; ascend gradual SW. slope, 40 ft. to
26.40	Spur, projects W.; descend 50 ft. to
28.40	Draw, drains NW.; ascend 25 ft. to
30.40	Spur, projects W.; descend 10 ft. to
34.60	Draw, drains SW.; ascend 50 ft. to
36.00	Spur, projects W.; descend 15 ft. to
40.00	On steep, broken W. slope, Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	
	from which
	A pinon, 6 ins.diam., bears S.76°E., 63 lks. dist., marked $\frac{1}{4}$ S33 BT
	A pinon, 8 ins.diam., bears N.69 $\frac{1}{4}$ °W., 29 lks. dist., marked $\frac{1}{4}$ S32 BT
49.25	Small seep, 1 lk. wide, $\frac{1}{2}$ in. deep, fair water, in bottom of main fork of Seaman Canyon, 160 ft. below $\frac{1}{4}$ cor., course SW. for about 8 chs. dist., thence S.; ascend abrupt, broken S. slope, 100 ft. to
54.80	Spur, projects SW.; descend along steep W. slope, 35 ft.
63.30	Draw, drains W.; ascend along broken W. slope.
64.10	Top of a 50 ft. red sandstone ledge facing S., bears N.60°E., and W. for $\frac{1}{2}$ ch. dist. thence NW.
68.20	Spur, 80 ft. above draw, projects SW.; gradually descend NW. slope, 60 ft. to
72.50	Draw, drains S.75°W.; gradually ascend S. slope, 30 ft.
80.00	On rocky S. slope, Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to rock, and supported by a mound of stone

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

201410

to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T42S	R4W
329	328
332	333

1927

from which

A cedar, 12 ins.diam., bears N.83°E., 104 lks. dist., marked T42S R4W 328 BT

A cedar, 8 ins.diam., bears S.84°E., 127 lks. dist., marked T42S R4W 333 BT

A cedar, 6 ins.diam., bears S.53°W., 54 lks. dist., marked T42S R4W 332 BT

A cedar, 12 ins.diam., bears N.12°W., 55 lks. dist., marked T42S R4W 329 BT

Land, rough, broken and mountainous; line crosses numerous spurs and draws putting westerly into Seaman Canyon, which drains nearly S. from 10 to 15 chs. W. of line.

Soil, rocky in form of ledges, outcrops and boulders, with shallow, loose sand and sandy loam; 3rd and 4th rates.

Timber, medium dense cedar and pinon.

Undergrowth, sagebrush, service, bitter brush and ooze.

Fair grazing land.

S. 89°55' E., on random line, bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

S. 89°58' W., on true line, bet. secs. 28 and 33.

Over rough, broken mesa land, through dense timber and scattered undergrowth; gradually descending along a general, broken and rocky S. exposure with scattered sandstone outcroppings.

39.97 On gradual SW. slope, 150 ft. below sec. cor., Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28
$\frac{1}{4}$
S33

1932

from which

A pinon, 6 ins.diam., bears S.50°45'E., 61 lks. dist., marked $\frac{1}{4}$ S33 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	A cedar, 12 ins.diam., bears N.43°W., 35 lks. dist., marked $\frac{1}{4}$ S28 BT.
40.10	Small, shallow draw, drains SW.; begin gradual ascent over broken SE. slope.
46.30	Rocky rim, 10 ft. high, on E. edge of long spur, 30 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence across flat top of spur projecting SW.
49.70	W. rim of the spur, bears NE. and SW.; gradually descend rocky W. slope along top of branch spur.
55.00	Leave top of the spur, projects N.70°W.; continue descent over rocky and broken W. and SW. slopes to sec. cor.
76.10	Draw, 60 ft. deep, drains SW.
79.94	The cor. of secs. 28, 29, 32 and 33, 235 ft. below spur.
	Land, rough and broken mesa with a general southerly to southwesterly exposure and drainage into Seaman Canyon.
	Soil, rocky in form of outcrops, surface rock and loose boulders, with shallow sand and sandy loam; 4th rate.
	Timber, dense cedar and pinon on mile.
	Undergrowth, scattered sage, service, oak, Brigham-tea, ooze and manzanita brush.
	Fair grazing land.
<hr/>	
	N. 0°03' W., bet. secs. 28 and 29.
	Over rolling and broken land with a general westerly exposure, through medium dense timber and short undergrowth; ascend abrupt, rocky S. slope.
0.50	Top of abrupt ascent and rocky rim, 20 ft. above cor., bears E. and SW.; gradually ascend sandy SW. slope.
3.10	Rolling top of ridge, 50 ft. above cor., bears E. and W.; gradually descend rolling NW. slope, 75 ft. to
19.40	Small draw, drains W.; ascend 15 ft. to
20.50	Spur, projects W.; descend abrupt N. slope, 50 ft. to
22.00	Gulch, drains W.; ascend steep S. slope, 100 ft.
29.15	Sandy spur, projects W.; descend abrupt N. slope over sandstone outcrops.
33.00	Base of abrupt descent and S. edge of gulch, 100 ft. below spur, bears N.80°E. and SW.
36.00	Small seep of fair water in bottom of gulch, drains W. for 1 ch. dist. thence SW.; ascend steep S. slope.
40.00	On steep S. slope, 90 ft. above gulch, Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and supported by a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISIONS OF T. 42 S. R. 4 E.

Chains

entire

S29

S28

1927

from which

A pinon, 10 ins. diam., bears S. 72 $\frac{1}{2}$ ° E., 123 lks. dist., marked $\frac{1}{4}$ S28 BT

A pinon, 14 ins. diam., bears S. 21° W., 97 lks. dist., marked $\frac{1}{4}$ S29 BT

- 41.00 Rolling top of spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects W.; gradually descend along W. and NW. slopes, entering scattered timber, bears NE. and SW.
- 58.90 Sandy draw, 110 ft. below spur, drains W.; gradually ascend SW. and W. slopes, 50 ft. to
- 66.00 Sandy spur, projects W.; gradually descend along general W. slope, 65 ft. to cor.
- 80.00 On gradual W. slope, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T42S	R4W
S20	S21
S29	S28

1927

from which

A cedar, 12 ins. diam., bears S. 64° E., 362 lks. dist., marked T42S R4W S28 BT

No other accessories available.

Land, broken and rolling with a general W. exposure and drainage.

Soil, deep, loose sandy loam and sand, with sandstone outcrops and small rim ledges on portions of mile.

Timber, cedar and pinon, medium dense on S. portion and scattered on N. portion.

Undergrowth, dense sagebrush, and scattered service, oak, bitter brush, Brigham-tea and ooze.

Good grazing land.

N. 89°58' E., on random line, bet. secs. 21 and 28.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

S. 89°57' W., on true line bet. secs. 21 and 28.

Over rolling land, through medium dense timber and undergrowth; gradually descend along S. slope.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

- 5.00 Leave medium dense, enter very scattered timber, bears NE. and SW., and begin gradual descent over W. slope.
- 14.00 A small net-wire corral bears S. of line about 2 chs. dist.
- 35.00 Shallow swale, 140 ft. below sec. cor., drains S. 30° W.; gently ascend E. slope, through heavy sagebrush.
- 40.00 On gentle E. slope,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} S21 \\ \frac{1}{4} \hline S28 \\ 1931 \end{array}$$
- from which
- A cedar, 7 ins. diam., bears N. 35 $\frac{1}{4}$ ° W., 250 lks. dist., marked $\frac{1}{4}$ S21 BT
- No other accessories available.
- 45.60 Ridge, 10 ft. above $\frac{1}{4}$ sec. cor., bears N. 30° E. and S. 30° W.; gently descend W. slope along top to
- 48.00 Begin steeper descent over W. slope, bears N. and S.
- 80.00 The cor. of secs. 20, 21, 28 and 29, 285 ft. below ridge.
- Land, rolling with a general S. and W. exposure and drainage.
- Soil, deep, loose sandy loam and sand; 3rd rate.
- Timber, widely scattered cedar and pinon.
- Undergrowth, dense sagebrush, and scattered clumps of tall service brush and wild currant.
- Good grazing land.
-
- N. 0° 03' W., bet. secs. 20 and 21.
- Over rolling and broken land facing W., through scattered timber, and dense, short undergrowth; along a gradual W. slope.
- 5.00 Shallow draw, 15 ft. deep, drains W.
- 20.00 Narrow, rocky draw, 75 ft. deep, drains W.
- 24.80 Begin descent over steep NW. slope, bears N. 20° E. and S. 20° W.
- 37.00 Base of slope, bears NE. and S. 20° W.; thence across mouth of draw.
- 39.50 Dim wagon road, bears E. to Hamblin's Seep, and W. to Johnson Lakes.
- 40.00 In sandy bottom of draw, 90 ft. below sec. cor.,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISIONS OF T. 42S., R. 4W.

Chains

S20

S21

1927

from which

A cedar, 6 ins.diam., bears N.30½°E., 185 lks.
dist., marked ¼ S21 BT

A cedar limb, 12 ins.diam., bears S.5°W., 203 lks.
dist., marked ¼ S20 BT

From ¼ sec. cor., Hamlin's sheep and troughs bears
S.77½°E., 27.40 chs. dist.

40.10 Wash, 10 lks. wide, 3 ft. deep, drains W.

41.50 Leave bottom of draw, bears E. and W.; continue over
low rolling land facing W.

80.00 On gradual W. slope,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, with
brass cap marked

T42S	R4W
S17	S16
S20	S21

1927

from which

A cedar, 5 ins.diam., bears S.0°15'E., 132 lks.
dist., marked T42S R4W S21 BT

No other accessories available.

Land, rolling and broken with a general W. exposure and
drainage.

Soil, deep, loose sandy loam and sand, and rocky of
sandstone formation along steep slopes on S. ½ mile;
2nd and 3rd rates.

Timber, scattered cedar and pinon.

Undergrowth, dense sagebrush, and scattered service,
oak, currant bushes, Brigham-tea and ooze brush.

Good grazing land.

N. 89°57' E., on random line, bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

79.98 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

S. 89°57' W. on true line, bet. secs. 16 and 21.

Over rolling and broken land, through medium dense
timber and undergrowth; descend steep, rocky W. slope.

5.30 Gulch, 90 ft. below cor., 3 chs. wide, drains N.; ascend
steep, rocky E. slope, 135 ft. to

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

13.60 Top of W. rim of gulch, and leave timber, bears N. and S.; thence over gently rolling sandy bench with slight W. exposure.

27.00 Begin gradual descent over W. slope.

35.00 Enter medium dense timber, bears N. and S.

39.99 On slight W. slope, 60 ft. below the 13.60 chs. point, Set an iron post, 3 ft. long, 1/2 in. diam., 12 ins. in the ground to rock, and supported by a mound of stone, for 1/4 sec. cor., with brass cap marked

S16

S21

1932

from which

A cedar, 6 ins. diam., bears N. 38° E., 42 lks. dist., marked 1/4 S16 BT

A cedar, 6 ins. diam., bears S. 36° E., 47 lks. dist., marked 1/4 S21 BT

43.00 Begin steeper descent over W. slope, bears N. and SE.

49.00 Leave all but few scattered trees; bears N. and SE.

79.98 The cor. of secs. 16, 17, 20 and 21, 260 ft. below 1/4 sec. cor.

Land, rolling and broken with general N. and W. exposures and drainage.

Soil, deep, loose sandy loam and sand, with patches of sandrock along rims of gulch and on steep slopes; 2nd to 4th rates.

Timber, cedar and pinon, on portions of mile.

Undergrowth, dense sagebrush; with scattered patches of tall service and oak brush, and scattered Brigham-tea, wild currant, ooze and sand grass.

Good grazing land.

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling land with a general W. slope, through widely scattered timber, and dense short undergrowth.

5.50 Shallow swale, 10 ft. deep, drains W.

7.50 Low sand rise, bears E., and slopes W.

40.00 On W. slope, 35 ft. below sec. cor., Set an iron post, 3 ft. long, 1/2 in. diam., 20 ins. in the ground to rock and supported by a mound of stone, for 1/4 sec. cor., with brass cap marked

S17

S16

1927

from which

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A cedar, 8 ins.diam., bears S.89°E., 91 lks.
dist.,marked $\frac{1}{4}$ S16 BT

A cedar, 7 ins.diam.,bears S.69 $\frac{1}{2}$ °W., 123 lks.
dist.,marked $\frac{1}{4}$ S17 BT

Note: E. edge of flat bearing N. and S., bears W. of cor.
about 2 chs. dist.

44.00 Base of slope and enter nearly level flat, bears NE. and
S.10°W.

55.00 Sand wash, 10 lks. wide, 5 ft. deep, drains S.30°W.

60.70 Dim wagon road, bears N.70°E. and S.70°W.

80.00 On nearly level flat, 35 ft. above $\frac{1}{4}$ sec. cor.,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 8, 9, 16 and 17, with brass
cap marked

T423	R4W
S8	S9
S17	S16

1927

from which

A cedar, 6 ins.diam.,bears N.44 $\frac{1}{4}$ °E., 211 lks.
dist.,marked T423 R4W S9 BT

A cedar, 6 ins.diam.,bears S.56°45'E., 145 lks.
dist.,marked T423 R4W S16 BT

A cedar, 3 ins.diam.,bears S.46 $\frac{1}{2}$ °W., 163 lks.
marked S17 BT No other tree available

Land, rolling and nearly level; S. 55 chs. has a gradual
W. exposure, and N. 25 chs. has a slight S. exposure;
drainage SW.

Soil, deep, loose sandy loam and sand, except along the
W. slope near $\frac{1}{4}$ sec. cor. where it is rocky of white
sandstone formation; 1nd and 3rd rates.

Timber, cedar and pinon, scattered on mile.
Undergrowth, dense sagebrush, 3 to 4 ft. high, with some
scattered clumps of service and oak brush, also scattered
rabbit-brush, wild currant and sand grass.

Good grazing land.

N. 89°57' E., on random line, bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 7 lks. S. of the cor. of
secs. 9, 10, 15 and 16.

Thence

S. 89°54' W., on true line, bet. secs. 9 and 16.

Over rolling land, through few scattered trees and
dense, short undergrowth; gradually descend rolling W.
slope.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
22.00	Top of E. rim of hollow, 120 ft. below sec. cor., bears N.10°E. and S.30°W.; descend steep W. slope.
35.00	Base of slope and E. edge of hollow bottom, 170 ft. below rim, bears N.20°E. and S.30°W.; thence across open bottom of hollow draining SW.
38.50	Dim wagon road, bears N.20°E. and SW.
40.00	In level bottom of hollow, near W. edge, Set an iron post, 3 ft. long, 1/4 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked
	S9 1/4 S16 1932
	from which
	A cedar, 16 ins. diam., bears N.36°W., 111 lks. dist., marked 1/4 S9 BT
	A cross with letters B O, thus <u>B O</u> , bears S.88°45'W., 97 lks. dist. Marked 3 ft. above ground on E. face of white sandstone pinnacle about 50 ft. high.
41.00	W. edge of hollow and base of steep slope, bears N.20°E. and SW.; ascend steep SE. slope over sandstone outcrops.
44.80	Top of ascent, 115 ft. above base, bears N. and slopes S.; thence along a steep, broken S. slope, through medium dense timber.
51.50	Begin descent of 60 ft. over W. slope.
56.90	Depression on S. slope, drains S. about 7 chs. dist. to edge of hollow; ascend steep E. slope.
59.00	Top of steep ascent, bears N.20°E. and S°.; thence gradually ascend along SE. and S. slopes.
68.80	Top of ascent, 55 ft. above depression, bears N. and slopes off S.; descend steep W. slope through scattered timber, 95 ft. to
75.30	Base of slope and E. edge of flat, bears N. and SE.; thence across flat.
80.00	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling and broken; general W. and S. exposures; drainage SW.
	Soil, deep, loose sandy loam; 2nd rate; rocky with shallow sandy loam and sand; 4th rate.
	Timber, scattered to medium dense cedar and pinon.
	Undergrowth, dense sagebrush, with scattered service, oak, Brigham-tea, ooze and wild currant.
	Good grazing land.
	N. 0°03' W., bet. secs. 8 and 9.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

Over nearly level flat with a gentle S. exposure, through dense, short undergrowth, and widely scattered timber; gently ascend.

18.70 Dim wagon road, bears N.10°E. and S.10°W.

40.00 On flat, 70 ft. above sec. cor.,
Set an iron post, 3 ft. long, 1 1/2 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4
|
S8 S9
|
1932

from which

A cedar, 3 ins.diam., bears N.22 1/2°E., 241 lks.
dist., marked 1/4 S9 BT

A cedar, 3 ins.diam., bears S.25 1/2°W., 80 lks.
dist., marked 1/4 S8 BT

80.00 On gentle S. exposure, 110 ft. above 1/4 sec. cor.,
Set an iron post, 3 ft. long, 2 1/2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T42S | R4W
S5 S4

S8 S9
1932

from which

A cedar, 5 ins.diam., bears N.35°45'E., 285 lks.
dist., marked T42S R4W S4 BT

A cedar, 6 ins.diam., bears S.33 1/2°W., 314 lks.
dist., marked T42S R4W S8 BT

A cedar, 3 ins.diam., bears N.43 1/4°W., 167 lks.
dist., marked BT

No other accessories available.

Land, nearly level flat or wide bottom of hollow with gentle S. exposure and drainage.

Soil, deep, fine sandy loam; 2nd rate.

Timber, widely scattered young cedars.

Undergrowth, dense sage and rabbit brush, 3 to 4 ft. high, with some scattered service and oak brush.

Good grazing land.

N. 39°54' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N. and S., line, 2 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	S. 89°55' W., on true line, bet. secs. 4 and 9.
	Over rolling, sandy bench land, through dense undergrowth, and widely scattered trees; ascend steep E. slope.
2.00	Top of steep E. slope, 40 ft. above cor., bears NE. and SW.; gently descend N. slope, 15 ft. to
5.60	Depression near head, drains NE.; gradually ascend E. slope.
11.30	Sand rise, 60 ft. above cor., bears N. and S.; thence over slight S. slope, descend 15 ft. to swale.
15.30	White sandstone outcrops bears N. of line about 10 chs. dist.
19.50	Center of wide, shallow swale, drains SE.; gently ascend SE. exposure, 35 ft. to
29.70	Top of rolling sandy ridge on bench, bears N.30°E. and S.30°W.; gradually descend rolling NW. and W. slopes.
38.50	W. edge of bench top, bears N.40°E. and S.40°W.; descend steep W. slope, 45 ft. to
39.99	On steep W. slope, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S4 $\frac{1}{4}$ ————— S9 1932
	from which
	A cedar, 8 ins.diam., bears N.19°E., 92 lks. dist., marked $\frac{1}{4}$ S4 BT
	A cedar limb, 13 ins.diam., bears S.30°W., 15 lks. dist., marked $\frac{1}{4}$ S9 BT
45.00	Wash, 10 lks. wide, 2 ft. deep, 60 ft. below $\frac{1}{4}$ sec. cor. drains S.30°W.; also base of bench slope, bears NE. and S.30°W.; thence slight ascent over S. exposure of flat or bottom of wide hollow, through dense, short brush.
46.80	Dim wagon road, bears NE. and S.30°W.
79.98	The cor. of secs. 4, 5, 8 and 9, 15 ft. above wash.
	Land, rolling bench on E. portion; nearly level flat on W. portion; drainage and exposure S.
	Soil, deep, white sandy loam and loose sand; 2nd and 3rd rates.
	Undergrowth, dense sage and rabbit brush, 3 to 4 ft. high, and scattered clumps of tall service and oak brush, 6 to 10 ft. high.
	Timber, widely scattered cedar and pinon on most of mile.
	Good grazing land.
	N. 0°14' W., on random line, bet. secs. 4 and 5.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chairs

- 45.00 Set temp. $\frac{1}{4}$ sec. cor.
- 76.35 Intersect N. bdy. of tp., 2 lks. E. of the cor. of secs. 4, 5, 32 and 33, heretofore described.
- Thence
- S. 0°15'E., on true line, bet. secs. 4 and 5.
- Over hilly and broken land facing E., through scattered timber, and dense undergrowth; gradually ascend NE. slope.
- 1.75 Sandy spur, 15 ft. above cor., slopes S.80°E.; descend steep S. slope.
- 13.00 Base of slope and N. edge of hollow bottom, bears E. and W.; thence across open hollow sloping E.
- 16.00 Wash, 20 lks. wide, 4 ft. deep in hollow, 165 ft. below spur, drains S.80°E.
- 19.80 S. edge of hollow, bears N.80°W. and S.80°E.; ascend steep, sandy N. slope, 85 ft. to
- 22.60 Top of steep slope on N. edge of rolling, sandy bench, bears N.80°W. and S.80°E.; thence over rolling bench sloping E., through heavier timber.
- 32.60 Top of S. edge of bench, bears N.70°W. and SE.; descend steep S. slope, entering very scattered timber.
- 36.35 On steep S. slope, 100 ft. below top, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S5 | S4

1932.

from which

A yellow pine, 12 ins. diam., bears N.10°45'E., 130 lks. dist., marked $\frac{1}{4}$ S4 BT.

A cedar, 8 ins. diam., bears S.79°W., 118 lks. dist., marked $\frac{1}{4}$ S5 BT.

- 39.00 Base of slope, 30 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence over nearly level flat or bottom land with a gentle SE. exposure.

- 49.20 Wash, 30 lks. wide, 6 ft. deep, drains SE.

- 70.35 The cor. of secs. 4, 5, 8 and 9, 95 ft. below $\frac{1}{4}$ sec. cor.

land, hilly and broken on N. portion; nearly level on S. portion; general E. and SE. exposures and drainage on mile.

Soil, deep, loose sandy loam and sand; with few outcrops of white sandstone on N. portion; 2nd to 4th rates.

Timber, cedar and pinon, with few scattered yellow pines on N. mile.

Undergrowth, dense sagebrush and rabbit brush, 3 to 4 ft. high, with scattered service, oak and manzanita brush.

Subdivisions of T. 42 S., R. 4 W.

Chains

Good grazing land.

From the cor. of secs. 31 and 32 on S. bdy. of tp., which is an iron post, 2 ins. diam., properly marked and witnessed as described in the official records of the survey of N. bdy. of T. 43 S., R. 4 W., this group.

Thence

N. 0°03' W., bet. secs. 31 and 32.

Over rolling, sandy land, through dense timber and dense, short undergrowth; gradually descend NE. slope.

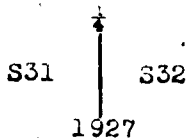
8.80 Swale, 30 ft. below cor., drains NW.; gently ascend SW. slope, 15 ft. to

20.00 Sandy rise, bears E. and W.; gently descend 15 ft. over N. slope.

26.00 Head of swale, drains W.; ascend 15 ft. to

32.10 Top of rise, bears E. and W.; gently descend NW. slope.

40.00 On gentle NW. slope, 20 ft. below rise, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 10 ins.diam., bears S.64°E., 56 lks. dist., marked $\frac{1}{4}$ S32 BT

A cedar, 12 ins.diam., bears N.69°W., 167 lks. dist., marked $\frac{1}{4}$ S31 BT

55.00 Enter less dense timber, bears E. and W.

69.60 Head of draw, 60 ft. below $\frac{1}{4}$ sec. cor., drains W. for about 15 chs. dist., thence SW.; gradually ascend.

72.60 Sandy spur, 10 ft. above draw, projects W. 10 chs. dist. to end; descend 20 ft. to

77.60 Sandy draw, drains W. for about 10 chs. dist., thence SW.; gradually ascend 10 ft. over SW. slope to cor.

80.00 On SW. slope, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked

T42S	R4W
S30	S29
S31	S32

1927

from which

A cedar, 20 ins.diam., bears N.73½°E., 80 lks. dist., marked T42S R4W S29 BT

A cedar, 6 ins.diam., bears S.48°45'E., 103 lks. dist., marked T42S R4W S32 BT

SUBDIVISIONS OF T20S-R10E-S4 W.

Chains

miles

A cedar, 8 ins.diam., bears S. $79\frac{1}{2}^{\circ}$ W., 237 lks.
dist., marked T42S R4W S31 BT

A cedar, 14 ins.diam., bears N. $13^{\circ}45'$ W., 274 lks.
dist., marked T42S R4W S30 BT

Land, gently rolling mesa with general westerly exposure and drainage.

Soil, deep, loose sandy loam; 2nd rate.

Timber, cedar and pinon.

Undergrowth, dense sagebrush, scattered ooze, bitterbrush and sand grass.

Fair grazing land.

S. $89^{\circ}55'$ E., on random line, bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ}50'$ W., on true line, bet. secs. 29 and 32.

Over broken and rocky land, through scattered timber and undergrowth; ascend steep rocky SE. slope, 25 ft. to

2.75 Top of rocky rim, bears NE. and SW.; thence over gently rolling bench land with slight S. exposure, through dense sagebrush and widely scattered timber, sandy soil.

35.00 Top of rolling rise, bears N. 80° E. and W.

39.96 On rise, 120 ft. below rim at 2.75 chs. point, Set an iron post, 3 ft. long, $\frac{1}{4}$ in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S29 $\sqrt{\quad}$
 $\frac{1}{4}$
S32
1927

from which

A cedar, 5 ins.diam., bears N. 56° E., 218 lks.
dist., marked $\frac{1}{4}$ S29 BT

A cedar, 3 ins.diam., bears S. $48\frac{1}{2}^{\circ}$ E., 163 lks.
dist., marked BT

51.50 Leave top of rise, bears E. and N. 60° W.; gradually descend SW. slope.

65.00 Shallow swale, drains S. about 2 chs. dist. to draw, thence W.; gently ascend.

68.80 Sandy rise, bears N. and S. for 2 chs. to end; gradually descend.

79.92 The cor. of secs. 29, 30, 31 and 32, 100 ft. below $\frac{1}{4}$ sec. cor.

Land, gently rolling bench; general S. and SW. exposures and drainage.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	Soil, deep, loose sandy loam and sand, except at E. end of mile where it is rocky of red sandstone formation; 2nd and 3rd rates.
	Timber, scattered cedar and pinon.
	Undergrowth, dense sagebrush, 3 to 4 ft. high, with scattered Brigham-tea and ooze.
	Good grazing land.
	N. 89°55' W., on random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.83	Intersect W. bdy. of tp., at the cor. of secs. 27, 30, 31 and 34, which is an iron post, 3 ins. diam., extending 12 ins. above ground, firmly set, properly marked and witnessed as described in official records of T. 42 S., R. 4 $\frac{1}{2}$ W.
	Thence
	S. 89°55' E., on true line, bet. secs. 30 and 31.
	Over rolling, sandy land, through scattered timber and dense, short undergrowth; gradually descend.
2.40	Sandy draw, 10 ft. below cor., drains S.25°W.; gradually ascend SW. exposure.
42.83	On gentle W. slope, 140 ft. above draw, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S30
	$\frac{1}{4}$ S31
	1927
	from which
	A cedar, 6 ins. diam., bears N.32 $\frac{1}{2}$ °E., 202 lks. dist., marked $\frac{1}{4}$ S30 BT
	A cedar, 10 ins. diam., bears S.71°E., 238 lks. dist., marked $\frac{1}{4}$ S31 BT
44.30	Top of sandy rise, bears N.15°E. and S.15°W.; gradually descend rolling SE. slope...
69.30	Swale, 120 ft. below rise, drains S. about 8 chs. dist., thence SW.; gradually ascend 20 ft. to cor.
82.83	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling with a general southerly exposure; drainage SW.
	Soil, deep, loose sandy loam; 2nd rate.
	Timber, scattered cedar and pinon.
	Undergrowth, dense sagebrush, and scattered ooze and Brigham-tea.
	Good grazing land.

SUBDIVISIONS OF T. 42 S., R. 14 W.

Chains

20125

N. $0^{\circ}03'$ W., bet. secs. 30 and 29.

Over rolling, sandy land, through scattered cedars and dense, short undergrowth; gently ascend S. slope, 10 ft.

7.50 Top of rise or low, rolling ridge, bears E. and W.; gradually descend rolling N. slope, 65 ft. to

40.00 True point for $\frac{1}{4}$ sec. cor. falls in bottom of wash, 30 ft. deep, 80 lks. wide, in wide hollow at bend from SE., drains N. 10° E.; also junction of hollow from SW.; impracticable to set cor. at this point, therefore at42.27 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S30	|	S29
	WC	
	1927	

from which

A cedar, 10 ins. diam., bears N. $79\frac{1}{4}^{\circ}$ E., 219 lks. dist., marked WC $\frac{1}{4}$ S29 BTA cedar, 14 ins. diam., bears S. 89° W., 457 lks. dist., marked WC $\frac{1}{4}$ S30 BT

Corner stands on W. side of wash in hollow bottom.

Continue along bottom of hollow.

72.30 Leave bottom of hollow, bears N. 30° E. and S. 15° W.77.00 Low sandy spur, 15 ft. above edge of hollow, projects N. 30° E.; gradually descend NW. slope, 20 ft. to cor.80.00 On NW. slope,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked

T42S	|	R4W
S19	|	S20
S30	|	S29
	1927	

from which

A cedar, 20 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ E., 271 lks. dist., marked T42S R4W S20 BTA cedar, 20 ins. diam., bears S. $66\frac{1}{2}^{\circ}$ E., 66 lks. dist., marked T42S R4W S29 BTA cedar, 10 ins. diam., bears S. $17^{\circ}45'$ W., 381 lks. dist., marked T42S R4W S30 BTA cedar, 6 ins. diam., bears N. $5\frac{1}{4}^{\circ}$ W., 273 lks. dist., marked T42S R4W S19 BT

Land, rolling with a general northerly exposure and drainage.

Soil, deep, loose sandy loam; 2nd rate.

Timber, scattered cedars.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
0.00	Undergrowth, dense sagebrush, 3 to 4 ft. high, with scattered Brigham-tea and ooze.
10.00	Good grazing land.
40.00	S. 89°50' E., on random line, bet. secs. 20 and 29.
79.92	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	N. 89°51' W., on true line, bet. secs. 20 and 29.
	Over rolling land, through dense, short undergrowth, and few scattered cedars; gradually descend rolling W. and NW. slopes.
28.00	Swale, 150 ft. below sec. cor., drains NW.; gradually ascend E. slope, 30 ft. to
39.96	On gradual E. slope, Set an iron post, 3 ft. long, 1 ins. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> S20 1927 </div> <div style="text-align: center; margin-right: 10px;"> S29 1927 </div> <div style="text-align: center;"> S20 1927 </div> </div>
	from which
	A cedar, 8 ins. diam., bears S. 31 $\frac{1}{2}$ ° E., 163 lks. dist., marked $\frac{1}{4}$ S29 BT
	A cedar, 8 ins. diam., bears N. 17° 45' W., 152 lks. dist., marked $\frac{1}{4}$ S20 BT
50.00	Top of rise, 30 ft. above $\frac{1}{4}$ sec. cor., slopes N., and bears S. about 10 chs. dist., thence E. and W. Gradually descend NW. slope, 170 ft. to
76.00	Wash, 50 lks. wide; 10 ft. deep, in draw, drains N. 30° W.; ascend 25 ft. to cor.
79.92	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling with a general N. to NW. exposure and drainage.
	Soil, deep, loose sandy loam; 2nd rate.
	Undergrowth, dense sagebrush, scattered ooze and Brigham-tea, 3 to 4 ft. high.
	Timber, few scattered cedars.
	Good grazing land.
40.00	N. 89°55' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 42 S., R. 46 W.

Chains

82.56 Intersect W. bdy. of tp.; 7-120° E. of the cor. of secs.

19, 22, 27 and 30, which is an iron post, 3 ins. diam., extending 10 ins. above ground, firmly set, properly marked and witnessed as described in official records of T. 42 S., R. 46 W. Corner stands near E. edge of bottom of wide hollow draining W.

Thence

S. 89°52' E., on true line, bet. secs. 19 and 30.

Over bottom of wide hollow, through dense, short undergrowth, and scattered timber.

0.35 Wash, 10 lks. wide, 4 ft. deep, drains S.70°W.

1.25 Dim wagon road from Johnson Lakes, bears N.70°E. and S.70°W.

5.50 Enter medium dense timber, bears E.20°E. and SW.

25.50 Leave bottom of wide hollow, enter rolling land, bears N.70°E. and S.70°W.; gradually ascend NW. slope.

31.10 Leave dense, enter scattered timber, bears NE. and SW.

42.56 On gentle NW. slope, 30 ft. above edge of hollow, Set an iron post, 3 ft. long, 1/2 in. diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked

319

830
1927

from which

A cedar, 10 ins. diam., bears S.26°E., 362 lks. dist., marked 830 ST.

A cedar, 8 ins. diam., bears E.44°45'W., 242 lks. dist., marked 319 ST.

52.00 Top of rise on E. slope, 40 ft. above 1 sec. cor., bears S. and slopes N.; descend along E. slope.

55.50 Depression on E. slope, 15 ft. below rise, drains E.; gradually ascend.

63.50 Top of rise, 40 ft. above depression, slopes E.15°E.; gradually descend 35 ft. to

78.50 Depression, drains NE.; gradually ascend 20 ft. to cor.

82.56 The cor. of secs. 19, 20, 29 and 30.

Land, rolling with general N. and W. exposures; drainage W.

Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.

Undergrowth, dense sagebrush, scattered rabbit brush, Brigham-tea and ooze.

Timber, cedar and pinon.

Good grazing land.

N. 0°03' E. bet. secs. 19 and 20.

Over gently rolling land, through dense, short undergrowth and scattered cedars, descend N. slope, 15 ft. to

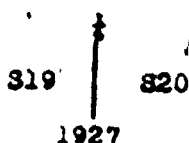
2.80 East of slope, enter flat or wide bottom of hollow, bears E. and W.

12.30 Back, 1 ch. wide, 10 ft. deep, drains N.60°W.

23.70 Run wagon road, bears N.60°E. to Hamblin's Seep and S.60°W. to Johnson Lakes.

30.00 Leave flat, enter rolling land, bears N.60°E. and S.60°W. Ascend gradually SE. slope, 85 ft. to

40.00 On gradual SE. slope, Set an iron post, 3 ft. long, 1 1/2 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A cedar, 14 ins.diam., bears S.78 1/2°E., 22 lbs. dist., marked 1/2 820 BT

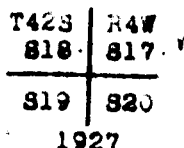
A cedar, 10 ins.diam., bears E.40 1/2°W., 96 lbs. dist., marked 1/2 319 BT

41.60 Spur, 10 ft. above 1/4 sec. cor., projects S.50°W. about 20 chs. dist. to end; descend gradual NW. slope, entering medium dense timber.

66.40 Draw, 85 ft. below spur, drains S.60°W. about 10 chs. dist. to flat; ascend 20 ft. to

70.80 Top of rise, bears NE. and SW.; descend N. slope, 15 ft.

80.00 On S. edge of flat, bears E. and S.80°W., Set an iron post, 3 ft. long, 1 1/2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked



from which

A cedar, 6 ins.diam., bears E.81°E., 147 lbs. dist., marked T42S R4W 317 BT

A cedar, 8 ins.diam., bears S.70 1/2°E., 147 lbs. dist., marked T42S R4W 320 BT

A cedar, 18 ins.diam., bears S.73°W., 108 lbs. dist., marked T42S R4W 319 BT

A cedar, 8 ins.diam., bears N.48°45'W., 75 lbs. dist., marked T42S R4W 318 BT

Land, rolling with a general westerly exposure and drainage.

Soil, deep, loose sandy loam and sand; 2nd and 3rd rates.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

511110

Timber, scattered to medium dense cedar.

Undergrowth, dense sagebrush, with scattered Brigham-tea, ooze, oak, wild currant and yellow top brush.

Good grazing land.

S. 89°51' E., on random line, bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

N. 89°52' W., on true line, bet. secs. 17 and 20.

Over gently rolling land, through dense, short undergrowth, and few scattered cedars; gradually descend W. slope, 40 ft. to

8.00 Swale, drains N.; gradually ascend 40 ft. to

14.00 Top of sandy rise, bears S.; and extends N. about 10 chs. to end; gradually descend NW. slope, 120 ft. to

34.60 Base of slope and enter flat, bears NE., and SW. for about 7 chs. dist. thence W.; enter medium dense timber, bears with flat.

39.98 On flat;
Set an iron post, 3 ft. long, 1' in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S17

S20

1927

from which

A cedar, 8 ins. diam., bears S. 56° E., 79 lks. dist., marked $\frac{1}{4}$ S20 BT.

A cedar, 6 ins. diam., bears N. 3 $\frac{1}{4}$ ° W., 78 lks. dist., marked $\frac{1}{4}$ S17 BT.

52.00 S. edge of flat, bears S. 80° E. and W.; thence along the S. edge.

79.96 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and nearly level; general N. and W. exposures; drainage W.

Soil, deep, loose sandy loam; 2nd rate.

Timber, scattered to medium dense cedars:

Undergrowth, dense sagebrush, with scattered oak, wild currant, ooze and rabbit brush.

Good grazing land.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains	
	N. $89^{\circ}52'$ W., on random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.36	Intersect W. bdy. of tp., 19 lks. N. of the cor. of sec. 15, 18, 19 and 22, which is an iron post, 3 ft. long, 3 ins. diam., firmly set, properly marked and witnessed as described in official records of T. 42 S., R. 4 $\frac{1}{2}$ W.
	Thence
	East, on true line, bet. secs. 18 and 19.
	Over rolling land, through scattered timber and dense, short undergrowth; across bottom of hollow draining W.
3.70	Leave bottom of hollow, bears N. 70° E. and S. 70° W.; gently ascend along N. slope on S. side of the hollow.
34.50	Bottom of hollow, drains N. about 3 chs. dist. to hollow draining W.
42.36	At NW. base of white sandstone outcrop or butte, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S18 \\ \hline \frac{1}{4} \\ S19 \\ 1927 \end{array}$
	from which
	A pinon, 12 ins. diam., bears S. $43\frac{1}{4}^{\circ}$ E., 309 lks. dist., marked $\frac{1}{4}$ S19 BT
	No other accessories available.
	Note: The top of cone shaped, white sandstone butte, 75 ft. high and 50 lks. in diam. at top, bears S. 30° E., 2.00 chs. dist.
48.90	Spur, 45 ft. above $\frac{1}{4}$ sec. cor., projects SW.; gradually descend SL. slope, 60 ft. to
66.00	Enter flat, bears NE. and SW., thence through heavier timber.
70.70	Dim wagon road, bears NE. and SW.
82.36	The cor. of secs. 17, 18, 19 and 20.
	land, rolling and nearly level; general N. and W. exposures, drainage W.
	Soil, deep, loose, white sandy loam and sand, with sandstone outcrops near $\frac{1}{4}$ sec. cor.; 2nd to 4th rates.
	Timber, cedar and pinon.
	Undergrowth, dense sagebrush, scattered rabbit-brush, Brigham-tea, oak and ooze.
	Good grazing land.
	<hr/>
	N. $0^{\circ}03'$ W., bet. secs. 17 and 18.
	Over rolling land, through dense, short undergrowth, and medium dense timber; across flat or bottom of wide

SUBDIVISIONS OF T. 43 S., R. 4 W.

Chains

anted

hollow draining W.

2.10 Dis wagon road, bears E. and W.

14.00 Leave flat, enter rolling and broken land with general S. exposure, through scattered timber, bears N. 75° E., and SW.; ascend 15 ft. over S. slope to

16.20 Top of low rise, slopes SW.; descend 15 ft. to

25.00 Bottom of wide hollow, drains S. 75° W.; gently ascend S. slope.

33.35 Base of brown sandstone spur, bears E. and SW.; ascend over barren sandrock.

36.00 Top of bare sandstone spur, 100 ft. above hollow, projects S. 30° W., about 6 chs. dist. to end.; descend broken NW. slope.

40.00 True point for $\frac{1}{4}$ sec. cor., falls on steep, broken NW. slope on barren rock where it is impracticable to set a corner, therefore at,41.25 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S18 | S17
 |
 W/C
 1927

from which

A pinon, 8 ins. diam., bears N. 84½° E., 194 lks. dist., marked WC $\frac{1}{4}$ S17 BTAn oak, 3 ins. diam., bears S. 45½° W., 79 lks. dist., marked WC $\frac{1}{4}$ S18 BT

Corner stands at N. base of bare sandstone spur, 50 ft. below top, bearing NE. and SW.

Gently descend N. slope, 15 ft. to

46.25 Swale, drains SW., and heads NE. about 15 chs. dist.

53.75 Begin abrupt ascent over sandy SE. slope, bears NE. and SW.

61.20 Top of rise, 145 ft. above swale, bears N. 80° E., and S. 80° W.; gradually descend 25 ft. to

66.00 Swale, drains S. 60° W. for about 10 chs., thence S. 30° W.; gradually ascend S. slope, 35 ft. to cor.

80.00 On gentle S. slope,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T423 | R4W
 S7 | S8
 S18 | S17
 |
 1927

from which

A cedar, 6 ins. diam., bears S. 1° W., 111 lks.

dist., marked T423 R4W S18 BT

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

A cedar, 6 ins. diam., bears N. 66° W., 120 lks.
dist., marked T42S R4W S7 BT

No other accessories available.

Land, rolling with a general SW. exposure and drainage.

Soil, loose sandy loam and sand, with scattered white sandstone outcrops on portion of mile; 2nd to 4th rates.

Timber, scattered cedars and few yellow pines.

Undergrowth, dense sagebrush, and scattered Brigham-tea, ooze and old-man.

Fair grazing land...

S. 89° 52' E., on random line, bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

N. 89° 56' W., on true line, bet. secs. 8 and 17.

Over nearly level land with slight S. slope, through scattered timber and dense, short undergrowth.

2.90 Dim wagon road, bears N. 10° E. and S. 10° W.

39.99 On gentle SE. slope, 80 ft. above sec. cor.,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S8
 $\frac{1}{4}$ —————
S17
1927

from which

A cedar, 10 ins. diam., bears N. 40° E., 327 lks.
dist., marked $\frac{1}{4}$ S8 BT

A cedar, 14 ins. diam., bears S. 89 $\frac{1}{2}$ ° E., 295 lks.
dist., marked $\frac{1}{4}$ S17 BT

Gradually ascend rolling SE. slope.

60.00 Top of low rise, 20 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; gently descend W. slope, entering few scattered yellow pines.

70.00 Swale, 15 ft. below rise, drains SW.; ascend 10 ft. to

79.98 The cor. of secs. 7, 8, 17 and 18.

Land, nearly level on E. portion; gently rolling on W. portion; general southerly exposure and drainage.

Soil, loose sandy loam and white sand; 2nd to 3rd rates.

Timber, scattered cedars, with few yellow pines on W. portion of mile.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

and 1/2

Undergrowth, dense sagebrush, and scattered rabbit-brush
ooze and Brigham-tea.

Good grazing land.

West, on random line, bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

82.09 Intersect W. bdy. of tp., 9 lks. S. of the cor. of secs.
7, 10, 15 and 18, which is an iron post, 3 ins. diam.,
firmly set, properly marked and witnessed as described
in official records of T.42 S., R.4 $\frac{1}{2}$ W.
Corner stands in swale draining S.10°W.

Thence

S. 89°56' E., on true line, bet. secs. 7 and 18.

Over rolling land, through scattered timber and dense,
short undergrowth; gently ascend SW. slope, 25 ft. to

17.00 Top of sandy rise, bears NE. and SW.; gently descend
rolling SE. slope, 25 ft. to

32.00 Swale from NE., drains S.30°W.; ascend SW. slope, 20 ft.

42.09 On gentle SW. slope,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S7

S18

1927

from which

A cedar, 8 ins. diam., bears N.5 $\frac{1}{2}$ °W., 893 lks.
dist., marked $\frac{1}{4}$ S7 BT

No other accessories available.

62.00 Sandy rise, 40 ft. above $\frac{1}{4}$ sec. cor., bears N., and
S. for about 12 chs. dist. thence SW.; gradually
descend along S. slope, 30 ft. to cor.

62.09 The cor. of secs. 7, 8, 17 and 18.

Land, rolling with a general southerly exposure and
drainage.

Soil, sandy loam and sand; 2nd and 3rd rates.

Timber, widely scattered cedars.

Undergrowth, dense sagebrush, and scattered Brigham-tea
and ooze.

Good grazing land.

N. 0°03' W., bet. secs. 7 and 8.

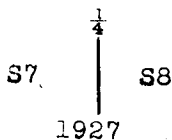
Over rolling land, through dense, short undergrowth and
scattered timber, gently ascend S. slope.

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

15.00 Begin steeper ascent over S. slope, bears N.75°E., and S.75°W.

40.00 On top of rolling ridge, 240 ft. above sec. cor., bears N. and S.10°W.,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 8 ins.diam., bears N.24 $\frac{1}{2}$ °E., 29 lks. dist., marked $\frac{1}{4}$ S8 BT

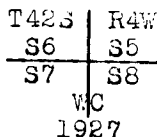
A cedar, 14 ins.diam., bears N.49°W., 12 lks. dist., marked $\frac{1}{4}$ S7 BT

Continue gradual ascent along rolling ridge.

70.90 Leave rolling top of ridge, 180 ft. above $\frac{1}{4}$ sec. cor., bears N.30°W. and S.; gradually descend broken E. slope, entering scattered yellow pines, 40 ft. to

80.00 True point for sec. cor., falls in head of draw, draining SE., where it is impracticable to set a permanent cor., Thence N.0°12'W., and at

80.46 On S. slope, 15 ft. above draw,
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 5, 6, 7 and 8, with brass cap marked



from which

A yellow pine, 16 ins.diam., bears N.86 $\frac{1}{2}$ °E., 246 lks. dist., marked WC T42S R4W S5 BT

A yellow pine, 10 ins.diam., bears S.18 $\frac{1}{2}$ °E., 11 lks. dist., marked WC T42S R4W S5BT

A yellow pine, 20 ins.diam., bears S.32°W., 14 lks. dist., marked WC T42S R4W S6 BT

A yellow pine, 16 ins.diam., bears N.79°W., 10 lks. dist., marked WC T42S R4W S6 BT

Corner is located at S. base of White Cliffs, bears N.80°E., and N.80°W. for about 4 chs. dist. thence NE.

Land, rolling with general southerly exposure and drainage.

Soil, deep, loose sandy loam and sandy, with white sandstone outcrops on N. end of mile; 3rd and 4th rates.

Timber, scattered cedars and yellow pines.

Undergrowth, sagebrush, Brigham-tea, ooze, service and manzanita brush.

Fair grazing land.

Chains

From true point for cor. sec. 5, 6, 7 and 8. S. 89°56' E., on random line, bet. secs. 5 and 8

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.00 Intersect the cor. of secs. 4, 5, 6 and 7, and

Thence

N. 89°56' W., on true line, bet. secs. 5 and 8.

Over wide hollow bottom sloping SE., through scattered timber and dense, short undergrowth; slight ascent.

9.00 W. edge of hollow or flat, enter rolling and hilly land, bears N. and S.; gradually ascend rolling SE. slope.

11.85 Sandstone dyke or outcropping, 20 lks. wide, bears N. and S.

28.30 Sandstone dyke on rise, 180 ft. above sec. cor., bears NE. and SW.; gradually descend SW. slope, entering heavier timber.

32.00 Draw, 20 ft. below dyke, drains S.; ascend 20 ft. to

40.00 On gentle E. slope,

Set an iron post, 3 ft. long, $\frac{1}{2}$ in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S5

S8

1932

from which

A cedar, 6 ins. diam., bears S. 45° E., 105 lks. dist., marked $\frac{1}{4}$ S8 BT

A cedar, 6 ins. diam., bears N. 39° W., 73 lks. dist., marked $\frac{1}{4}$ S5 BT

14.60 Rolling top of spur, projects S. 30° E.; gradually descend SW. slope.

52.50 Enter scattered timber, bears N. and S.

28.50 Swale, 35 ft. below spur, drains SE.; ascend SE. slope.

70.00 Ridge, 160 ft. above swale, bears N., and S. 70° W. for 3 chs. dist., thence S.; descend 130 ft. over broken W. and SW. slopes to cor. point.

60.00 The true point for cor. of secs. 5, 6, 7 and 8.

Land, rolling and hilly; general SE. and S. exposures and drainage.

Soil, deep, loose sandy loam and sand, with scattered white sandstone outcrops; 2nd to 4th rates.

Timber, cedar and pinon, with few yellow pines on W. portion of mile.

Undergrowth, dense sagebrush, scattered shrubs, and

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

Good grazing land.

The line W. bet. secs. 6 and 7 runs along the broken S. base of the White Cliffs on E. $\frac{1}{2}$ mile, and crosses a point of mesa rimmed with inaccessible sandstone walls on the W. $\frac{1}{2}$ mile, therefore the line is run on offset and traverse as follows:

West, on offset random line line, bet. secs. 6 and 7, from a point N. 53 lks. dist. from true point for sec. cor., or 7 lks. N. of the witness cor. ~~secs. 5, 6, 7 & 8.~~

Thence

West, 21.04 chs., erect flag.; thence on traverse S. $59^{\circ}00'W.$, 22.12 chs. dist., leave temp. point; thence North, 10.86 chs. dist. to

40.00 Set temp. $\frac{1}{4}$ sec. cor., west from true point for sec. cor.

As the line cannot be run west from this point, therefore I return to my temp. point, South, 10.86 chs. dist. of temp. $\frac{1}{4}$ sec. cor. and continue

S. $59^{\circ}00'W.$, 48.90 chs. (or total of 71.02 chs. on this course) dist., which is a total westing of 61.92 chs. and southing of 36.05 chs. from the true point for cor. of secs. 5, 6, 7 and 8, where I intersect the W. bay. of tp., at point North, 3.75 chs. dist. from the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 10, and South, 18.65 chs. dist. from the witness cor. to the cor. of secs. 5, 6, 7 and 10, which is an iron post, 3 ins. diam., firmly set in a mound of stone, and properly marked as described in official records of T. 42 S., R. 4 $\frac{1}{2}$ W. This witness cor. is established on the bay., south, 19.60 chs. dist. from true point for cor. of said secs.

As the cor. for the above secs. can be established at its true point, I remove the iron post for witness cor. and in its place set a sandstone, 15x6x4 ins., marked A P on W. face, firmly in a large mound of stone; thence run North, along the bay. a distance of 19.60 chs. to the true point for. the cor. of secs. 3, 6, 7 and 10, where

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 6, 7 and 10, with brass cap marked

T42S	
R4 $\frac{1}{2}$ W	R4W
S3	S6
S10	S7
1915	

from which

A yellow pine, 16 ins. diam., bears N. $82^{\circ}E.$, 195 lks. dist., marked T42S R4W S6 BT

A yellow pine, 16 ins. diam., bears S. $18^{\circ}E.$, 156 lks. dist., marked T42S R4W S7 BT

A pinon, 16 ins. diam., bears S. $77\frac{1}{2}^{\circ}W.$, 140 lks. dist., marked T42S R4 $\frac{1}{2}$ W S10 BT

A cedar, 12 ins. diam., bears N. $39^{\circ}W.$, 68 lks. dist., marked T42S R4 $\frac{1}{2}$ W S3 BT

Corner stands on steep, broken SW. slope, 125 ft. above the A P (angle point).

SUBDIVISIONS OF T. 42N. R. 10E. S. 10E.

Chains

CHAINS

The true bearing and distance of line bet. secs. 3 and 7, therefore is N. 89°52' W., 81.92 chs.

Thence, from the cor. of secs. 3, 6, 7 and 10 on bay.

S. 89°52' E., on true line, bet. secs. 6 and 7, giving approximate distances to topography.

Over rough, broken land, through scattered yellow pines, cedar and pinon, and short undergrowth; ascend steep, broken SW. slope towards base of the White Cliffs.

8.00 Base of main rim of the White Cliffs, bears NW. and SE.; precipitous ascent over nearly vertical white sandstone wall.

10.00 Top of ledges and edge of mesa, 700 ft. above sec. cor., bears NW. and SE.; thence over rolling top of point of mesa which extends S. about 18 chs. dist. to end, through medium dense timber.

38.00 E. edge of mesa and top of White Cliffs, bears N. 30° E. and S. 30° W.; precipitous descent over E. face of ledge wall, 700 ft. to

41.92 True point for $\frac{1}{4}$ sec. cor. falls on E. face of ledge where a permanent cor. cannot be set, therefore at

42.07 Or 18 lks. dist. from true cor. point, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

W S6
C S7
1932

from which

A cedar, 5 ins. diam., bears S. 74° E., 37 lks. dist., marked WC $\frac{1}{4}$ S7 BT.

A cross (+) with letters WC BO, on ledge, bears N. 84° E., 50 lks. dist.

This cor. stands on steep SE. slope at the base of main rim of the White Cliffs, bears N. 30° E. and SW.

Thence along a broken, rocky and sandy S. slope, near base of cliffs.

81.92 The true point for cor. of secs. 5, 6, 7 and 8, which is witnessed 46 lks. N.

Land, rough and broken; general S. exposure and drainage

Soil, rocky with shallow loose, white sand; 4th rate.

Timber, scattered cedar, pinon, and few yellow pines.

Undergrowth, sage, service, Brigham-tea and yellow top.

Fair grazing on portions of mile.

The line N. bet. secs. 5 and 6 ascends the SW. face of White Cliffs, up which it is impossible to climb, therefore triangulate to top as follows:

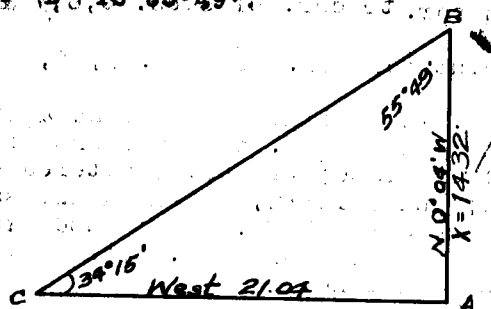
SUBDIVISION OF T. 42 S., R. 14 W.

Chains

N. $0^{\circ}15'$ W., on random line, bet. secs. 5 and 6, from the true cor. point for secs. 5, 6, 7 and 8.

0.53

Set flag "A", from which set flag "B" at top of ledge, N. $0^{\circ}04'$ W. (impossible to set on true line); thence from "A" measure a base line, "AC", West, 21.04 chs. dist. to point whence line AB subtends angle of $34^{\circ}15'$. Angle at "B" is $55^{\circ}49'$.



Distance by triangulation = 14.32 chs.
Distance on line .53 "
total 14.85 "

14.85 Point "B" of triangulation; offset N. $4\frac{1}{2}$ lks. dist. and continue N. $0^{\circ}15'$ W., by chaining.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

76.10 Intersect N. bdy. of tp., 7 lks. W. of the cor. of secs. 5, 6, 31 and 32, heretofore described.

Thence

S. $0^{\circ}12'$ E., on true line, bet. secs. 5 and 6.

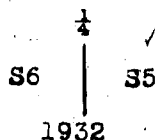
Over rolling top of mesa, through widely scattered cedars, and medium dense sage, oak and service brush; slight ascent over N. slope to

6.00 Top of rise, 15 ft. above cor., bears N. 30° W. and SE.; gradually descend SW. slope, 15 ft. to

14.85 Draw, near head, drains N. 80° W. for about 8 chs. dist. to where it drops off high rim; gradually ascend N. slope through tall undergrowth.

33.00 Enter widely scattered yellow pine timber, bears E. and W.

36.10 On slight N. slope, 45 ft. above draw, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A yellow pine, 30 ins. diam., bears S. $76^{\circ}45'$ W., 109 lks. dist., marked $\frac{1}{4}$ S6 BT

A yellow pine, 24 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ E., 200 lks. dist., marked $\frac{1}{4}$ S5 BT

58.10 Ridge on S. edge of mesa top, 80 ft. above sec. cor., bears N. 80° W. and S. 80° E.; descend steep, rocky SW. slope, 80 ft. to

61.25 Top of main ledge of the White Cliffs, bears N. 80° W.,

SUBDIVISIONS OF T. 42 S., R. 4 W.

Chains

and SE. for about 2 chs. dist., thence NE.; descend precipitous S. and SW. face over sandstone wall, 760 ft. to cor. point.

75.50 Base of ledges, bears N.80°W. and N.80°E.

75.64 The witness cor. to cor. of secs. 5, 6, 7 & 8.

76.10 The true point for cor. of secs. 5, 6, 7 and 8.

N. 58.10 chs. is rolling top of mesa above the White Cliffs, with general NW. exposure and drainage; soil, sandy loam; 2nd rate; timber, scattered cedar, pinon and yellow pine; Undergrowth, medium dense sage, oak and service brush, 3 to 15 ft. high; good grazing land; remainder of mile is abrupt S. face of the white cliffs with barren sandstone.

General Description.

Township 42 south, range 4 west, consists principally of rolling and broken mesa or bench lands with elevations ranging from approximately 4500 ft. above sea level in the south-east portion, to 6000 ft. in the north-west portion. The White Cliffs with general southerly face, averaging about 700 ft. in height, with nearly vertical white sandstone walls and which cannot be scaled in this township, extends through portions of secs. 5, 6, and 7. The Vermillion Cliffs facing south and easterly, average about 1000 ft. high, with broken red sandstone walls, extends through the south-east portion of township. The lands lying between these two cliffs or rims is gently rolling and broken, with southerly exposure from base of White Cliffs, and north-westerly from top rim of the Vermillion Cliffs to approximately the north-central portion where it slopes south-westerly and drains towards Johnson Lakes in T. 42 S., R. 4½ W. The land on top of White Cliffs is rolling and broken mesa with general northwest exposure and drainage from rim. The land lying below the Vermillion Cliffs is gently rolling valley with easterly exposure and drainage towards Buckskin Wash, except along talus slope where it is quite broken. Seaman Canyon draining south through sec. 32, drains a small portion of the south-central part.

The soil, in general throughout the rolling portions of the township is a deep, loose, white sandy loam or sand; 2nd and 3rd rates; along the rims of mesa and on steep, broken slopes of draws and gulches it is rocky of sandstone formation with shallow sandy loam or clay; 4th rate. Along the talus slope under the Vermillion Cliffs a heavy clay soil mixed with rock predominates.

Scrub cedar and pinon pine timber is found throughout most of the township, being heavier along and adjacent to the rim of the Vermillion Cliffs, and scattered along the north-central portions. It is of value only as fire wood and for fence posts. A few scattered yellow pines is found in the NW. portion along the White Cliffs. Dense sagebrush, 3 to 4 ft. high, with scattered service-berry, oak, Brigham-tea, currant, yellow-top, rabbit-brush and manzanita is found through the township. The service-berry and oak brush attain a maximum height of 12 to 15 ft.

General Description of T. 42 S., R. 4 W.

The only water found in the township is a small spring of good water in bottom of draw, in NE. $\frac{1}{4}$ of SW $\frac{1}{4}$ sec. 21, known as "Hamblin's Seep", and small seeps along the bottom of Seaman Canyon in E. $\frac{1}{4}$ of E. $\frac{1}{4}$ sec. 32.

The township is valuable chiefly for grazing of stock, for which purpose it is being used at present, there is a fair growth of grass and browse. There is very little land suitable for farming, owing to lack of water and the loose character of the soil. Dim wagon roads from Johnson Canyon and Johnson Lakes extend into, and through the township, entering the W. bdy. near the cor. of secs. 19, 22, 27 and 30. There is a small wire corral located in NE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 28, and one also in SE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 20, owned by Neaf Hamblin. In the previously surveyed areas of secs. 26 and 35 is considerable cultivated land which has been dry farmed, but owing to the drough of recent years, is not being worked at present. Clarks's house is located in NE. $\frac{1}{4}$ of SE. $\frac{1}{4}$ sec. 26.

No indications of mineral, oil, oil shale, or coal were found. There are no settlers living in the township.

The average magnetic declination is 16° E.

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CERTIFICATE OF UNITED STATES SURVEYOR

Andrew Nelson, U.S. Cadastral Engineer, and
 We, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Utah
 bearing date of the 2nd day of April, 1924, have well, faithfully, and truly
 in ~~our~~ proper person~~s~~ and in strict conformity with said instructions, the Manual of Surveying Instruc-
 tions, and the laws of the United States, surveyed all those parts or portions of establishment of
corners on east boundary, resurvey and survey of subdivisions, and
survey of north boundary of T. 42 S., R. 4 W.

_____ of the Salt Lake
Base and Meridian, in the State of Utah, which are represented in
 the foregoing field notes as having been executed by us, and under our direction; and that all the corners of
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
 tions, and the special written instructions of the District Cadastral Engineer for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes of
 such survey.

Salt Lake City, Utah.
Aug. 31, 1932.

Salt Lake City, Utah, Dec. 3, 1932.

Andrew Nelson
 U.S. Cadastral Engineer.

Elliot Bird
 U.S. Surveyor

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo. NOV 21 1935, 19

The foregoing field notes of the survey of township 42 south, range 4 west,
of the Salt Lake Base and Meridian, Utah.

executed by Andrew Nelson, U.S. Cadastral Engineer, and
Elliot Bird, U.S. Surveyor.

under his special instructions dated April 2, 1924, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
 they describe, are hereby approved.

Franklin J. Pomeroy
 U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in
_____ has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

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RECEIVED

JAN - 4 1928
District Cadastral Engineer
Salt Lake City, Utah

BOOK A-497

FIELD NOTES

~~OF THE SURVEY OF THE~~

DEPENDENT RESURVEY AND SURVEY OF PORTION OF THE NORTH BOUNDARY,
 ESTABLISHMENT OF QUARTER SECTION AND SECTION CORNERS FOR RANGE
 4 WEST, ON PORTION OF WEST BOUNDARY, INDEPENDENT AND DEPENDENT
 RESURVEY AND SURVEY OF PORTION OF SUBDIVISION OF, T. 43 S., R. 4 W.

Of the Salt Lake Base And Meridian,

In the State of Utah

EXECUTED BY

Elliot Bird

In the capacity of U. S. Surveyor, under instructions dated April 2, 1924,
 issued by the United States Surveyor General to govern surveys included in
 Group No. 159, which were approved by the Commissioner of the General Land
 Office, April 14, 1924, pursuant to authority contained in the Act of
 Congress dated May 26, 1927. Assignment Instructions dated
 May 26, 1927.

Survey commenced June 7, 1927.

Survey completed July 21, 1927.

BOOK A-497

INDEX DIAGRAM.

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	55	32	29				13
12	19	30	20	21	22	23	24
	35	34					
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	31	32	33	34	35	36	

T. 43 S., R. 4.W.

DATE DIAGRAM

	7-1-27 6-11-27	7-12-27 6-11-27	7-18-27 6-12-27	7-19-27 6-12-27	6-14-27 6-16-27	6-15-27
7-11-27	6	5	4	3	2	1
7-8-27	7-12-27	6-21-27	6-21-27	6-18-27		
7-11-27	7	8				
7-14-27	7-15-27					
7-12-27	16	17				
7-16-27	19					
7-17-27	6-24-27					

All lines surveyed by Elliot Bird, U.S. Surveyor, A.B.

TESTS OF INSTRUMENTS

Survey commenced June 2, 1927, and executed with Buff
and Buff transit No. 18007.

The instrument was approved for use on this survey,
conditional upon satisfactory field tests, by the
District Cadastral Engineer, for Utah, in assignment
instructions dated May 26, 1927.

The instrument is equipt with Smith solar attachment and
full vertical circle. The horizontal limb is provided
with two verniers placed opposite to each other and
reading to single minutes of arc, which is also the
least count of the verniers of the latitude and
declination arcs and vertical circle.

I examine the adjustments of the instrument and correct
all errors, then to test the solar apparatus by
comparing its indications resulting from solar

T. 43 S., R. 4 W.

observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, I proceed as follows.

June 7, 1927: At my camp located near the $\frac{1}{2}$ sec. cor. sec. 32, on south boundary T. 42 S., R. 4 W., S. L. B. & Mer., Utah, in approximate latitude $37^{\circ}07'$ N., longitude $112^{\circ}18'30''$ W.; at 2h 30m a.m. local mean time, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake driven firmly in the ground about 10 chains to the N. of my station. Azimuth of Polaris at eastern elongation = $1^{\circ}22'$ E.

I lay off the azimuth of Polaris, $1^{\circ}22'$ to the W. and mark the meridian thus determined by a tack in a stake driven firmly in the ground about 10 chains W. of my station.

At 8h 34.4m a.m. local mean time, I make an altitude observation of Polaris at upper culmination for latitude, making four observations, two each with the telescope in direct and reversed positions:

Mean watch time of observation =	8h 34.4m a.m.
Mean observed vertical angle =	$38^{\circ}13'30''$
Reduced latitude =	$37^{\circ}07'$ N.

At 9h 00m a.m. apparent time, with the instrument in the meridian, I set off $22^{\circ}42\frac{1}{2}'$ N., on the declination arc; $37^{\circ}07'$ N., on the latitude arc, and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian, I make an altitude observation of the sun for time, making two observations, one each with the telescope in direct and reversed positions observing the transit of the sun's east and west limbs.

Mean watch time of observation =	11h 10m 40s
Watch fast of local mean time =	0h 00m 10s

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be, $22^{\circ}43'30''$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off $22^{\circ}44'30''$ N., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on the meridian determined by observations made on Polaris.

Near the completion of the survey of this township, I make a final test of the instrument as follows.

July 17, 1927: With the instrument in the meridian determined by observations made on Polaris as heretofore described, at 8h 30m a.m. apparent time, I set off $37^{\circ}07'$ N., on the latitude arc; $21^{\circ}19'$ N., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be, $21^{\circ}17'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off $21^{\circ}16'$ N., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all the solar observations made during the usual

T. 43 S., R. 4 W.

hours of solar work, come within 1' of the true meridian, I conclude that the instrument is still in satisfactory adjustment.

MEASUREMENTS

Unless otherwise specified, all measurements are made with a Lallie steel tape 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE.

All of this township except sections 2 to 8, and 17 to 19 inclusive, has been previously surveyed.

The unsurveyed portion of the north boundary was run random and true from the corner townships 42 and 43 south, ranges 4 and $4\frac{1}{2}$ west, to the reestablished $\frac{1}{4}$ section corner south boundary section 35, T. 42 S., R. 4 W., the course being S. $89^{\circ}55'$ E. The fractional distance of this boundary was placed in the west half mile for T. 42 S., R. 4 W., and in the east half mile section 2, for T. 43 S., R. 4 W.

The west boundary was surveyed in year 1915, by Jos. C. Thoma, U.S. Surveyor, and Joseph C. Clark, U.S. Transitman. The course and distance of this boundary was found to agree with that reported by Thoma and Clark.

The township was subdivided from the north to the south and west to the east, and the fractional distances were placed against the original survey of the subdivision.

DEPENDENT RESURVEY PORTION NORTH BOUNDARY T. 43 S., R. 4 W.

Chains

From the $\frac{1}{4}$ sec. cor. secs. 1, 2 and 36, on the N.
 by T. 43 S., R. 4 W., which is a cedar post, 4 ins.
 diam., extending 30 ins. above ground, marked $\frac{1}{4}$ on
 N. face, from which,

A cedar, 10 ins. diam., bears North, 48 lks. dist.,
 marked $\frac{1}{4}$ S36 BT.

No suitable bearing tree to the S. available.

Thence,

West, on resurvey line bet. secs. 1 and 36.

Over rolling bench land, through scattered timber and
 undergrowth.

12.50 Leave timber, bears N. and S.

17.80 Old wagon road, bears NE. to the old town of Pahreah,
 and SW. to Johnson.

18.30 Sand wash, 10 lks. wide, 3 ft. deep, in swale, drains
 NE.

38.40 Sand wash, 10 lks. wide, 3 ft. deep, drains NE.

40.00 Record course and distance; find no trace of the cor.
 secs. 1, 2, 35 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground, for cor. secs. 1, 2, 35 and 36, with brass
 cap marked.

T42S	R4W
S35	S36

S2	S1
T43S	

1927

From which,

A cedar, 18 ins. diam., bears N. 48° E., 102 lks.
 dist., marked T42S R4W S36 BT.

No other bearing trees available.

Corner set on level bench land near the SE. corner of
 barbed wire fence which forms the E. and S. boundaries
 of W.H. Clark's dry farm, and at band in wagon road,
 bears N. to Clark's ranch house and SW. to Johnson.

Land, rolling bench land with a general easterly
 exposure and drainage.

BOOK A 45
DEPENDENT RESURVEY PORTION NORTH BOUNDARY T. 43 S., R. 4 W.

Chains

Soil, deep, loose sand and clay, 2nd rate.
Undergrowth, scattered sage, rabbit and black brush.
Timber, scattered juniper and pinon on E. portion of half mile.
Fair grazing.

West, on resurvey line bet. secs. 2 and 35.

Ascend gradually over rolling E. slope of bench land through scattered timber and undergrowth.

Line runs along the S. side of barbed wire fence which forms the S. boundary of W.H. Clark's dry farm.

14.00 Timber becomes dense and land broken, bears NE. and SW.

18.00 Wagon road, bears NE. to Clark's dry farm and SW. to Johnson.

19.50 Top of small knoll, 40 ft. high.

34.80 Spur, 70 ft. above sec. cor., projects S.; descend gradual W. slope of spur.

38.00 Draw, 20 ft. below spur, drains S. 30° E.; ascend gradual E. slope of spur.

40.00 On gradual E. slope of spur, 50 ft. above draw, record course and distance, find no trace of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 35 only, with brass cap marked.

$\frac{1}{4}$ S35

1927

From which,

A pinon, 8 ins. diam., bears N. 40° E., 33 lks. dist., marked $\frac{1}{4}$ S35 BT.

A pinon, 14 ins. diam., bears N. 39°30' W., 74 lks. dist., marked $\frac{1}{4}$ S35 BT.

Land, rolling and broken with a general southeasterly exposure and drainage.

Soil, deep sand and clay mixed with loose rock; 3rd rate.

Undergrowth, scattered sage, buck, service berry and

DEPENDENT RESURVEY PORTION NORTH BOUNDARY T. 43 S., R. 4 W.

Chains

black brush.

Timber, scattered and dense juniper and pinon on portions of half mile.

Fair grazing.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

Note: The official records of the survey of this boundary were found to be correct, and the topography of this boundary will be found in the finished field notes of the survey east boundary T. 43 S., R. 4 $\frac{1}{2}$ W.

From the cor. Ts. 42 and 43 S., Rs. 4 and 4 $\frac{1}{2}$ W., which is an iron post, 7 ins. diam., extending 10 ins. above ground, with brass cap marked.

T42S	
R4 $\frac{1}{2}$ W	R4W
S34	S31
S3	S6
T43S	

1915

From which,

A juniper, 12 ins. diam., bears N. 71° E., 13 lks. dist., marked T42S R4W S31 BT.

A juniper, 12 ins. diam., bears S. 20° E., 4 lks. dist., marked T43S R4W S6 BT.

A juniper, 14 ins. diam., bears S. 88°30' W., 114 lks. dist., marked T43S R4 $\frac{1}{2}$ W S3 BT.

A juniper, 14 ins. diam., bears N. 24°45' W., 68 lks. dist., marked T42S R4 $\frac{1}{2}$ W S34 BT.

Thence,

South, along the W. bdy. T. 43 S., R. 4 W., establishing $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. and 80.00 chs. for T. 43 S., R. 4 W.

38.38 Record course and distance:

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

Chains

The $\frac{1}{4}$ sec. cor. originally for secs. 3 and 6, which is an iron post, 1 in. diam., extending 10 ins. above ground, with brass cap marked.

$\frac{1}{4}$
 S3 | S6
 1915

From which,

A juniper, 6 ins. diam., bears S. $27^{\circ}30'$ E., 138 lks. dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 6 ins. diam., bears N. $33^{\circ}30'$ W., 75 lks. dist., marked $\frac{1}{4}$ S3 BT.

I efface the marks on the post and bearing tree that pertain to sec. 6.

No other suitable bearing tree available for sec. 3.

40.00 On sandy W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6 only, with brass cap marked.

|
 $\frac{1}{4}$ S6

1927

From which,

A juniper, 8 ins. diam., bears N. $57^{\circ}30'$ E., 75 lks. dist., marked $\frac{1}{4}$ S6 BT.

No other suitable bearing tree available.

78.38 The cor. originally for secs. 3, 6, 7 and 10, which is an iron post, 3 ins. diam., extending 4 ins. above a mound of stone, with brass cap marked.

T43S
 R4 $\frac{1}{2}$ W | R4W
 S3 | S6
 S10 | S7

1915

From which,

A pinon, 14 ins. diam., bears N. 58° E., 157 lks. dist., marked T43S R4W S6 BT.

A juniper, 12 ins. diam., bears S. 14° E., 43 lks.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

Chains

dist., marked T43S R4W S7 BT.

A juniper, 12 ins. diam., bears S. 51° W., 40 lks.

dist., marked T43S R4 $\frac{1}{2}$ W S10 BT.

A juniper, 12 ins. diam., bears N. 16° W., 18 lks.

dist., marked T43S R4 $\frac{1}{2}$ W S3 BT.

As the true point for the cor. secs. 6 and 7 falls on steep N. slope of sandstone ravine where it is impossible to set a permanent cor.; I make the cor. originally for secs. 3, 6, 7 and 10, a witness cor. for secs. 6 and 7 by marking the brass cap WC on E. half, marking the two E. bearing trees WC, and changing the SE. bearing tree to read sec. 6 instead of sec. 7.

80.00 The true point for the cor. secs. 6 and 7 falls on steep N. slope of sandstone ravine where it is impossible to set a permanent cor.

I mark a cross (X) in the sandstone surface rock at the true cor. point.

South, along the W. bdy. sec. 7, from the true point for cor. secs. 6 and 7.

38.38 The $\frac{1}{4}$ sec. cor. originally for secs. 7 and 10, which is an iron post, 1 in. diam., extending 10 ins. above ground, with brass cap marked.

$\frac{1}{4}$
 S10 | S7
 1915

From which,

A juniper, 18 ins. diam., bears S. 25° E., 3 lks.

dist., marked $\frac{1}{4}$ S7 BT.

A pinon, 18 ins. diam., bears S. 38° W., 22 lks.

dist., marked $\frac{1}{4}$ S10 BT.

I efface the marks on the post and bearing tree that pertain to sec. 7.

No other suitable bearing tree for sec. 10 available.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

Chains

enlarged

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 7 only, with brass cap marked.

$\frac{1}{4}$ S7

1927

From which,

A pinon, 10 ins. diam., bears S. 75° E., 30 lks.
dist., marked $\frac{1}{4}$ S7 BT.

No other suitable bearing tree available.

78.38 The cor. originally for secs. 7, 10, 15 and 18, which is an iron post, 3 ins. diam., extending 12 ins. above ground, with brass cap marked.

T43S	
R4 $\frac{1}{2}$ W	R4W
S10	S7
S15	S18

1915

From which,

A juniper, 10 ins. diam., bears N. 72° E., 30 lks.
dist., marked T43S R4W S7 BT.

A pinon, 10 ins. diam., bears S. 66° E., 58 lks.
dist., marked T43S R4W S18 BT.

A pinon, 12 ins. diam., bears S. 51° W., 33 lks.
dist., marked T43S R4 $\frac{1}{2}$ W S15 BT.

A juniper, 20 ins. diam., bears N. $28^{\circ}30'$ W., 77 lks.
dist., marked T43S R4 $\frac{1}{2}$ W S10 BT.

I efface the marks on the post and bearing trees that pertain to secs. 7 and 18.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and 22 ins. in a mound of stone, for cor. secs. 7 and 18 only, with brass cap marked.

T43S	T43S
R4 $\frac{1}{2}$ W	S7
S15	S18
	R4W

1927

YACB ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

Chains

From which,

A pinon, 8 ins. diam., bears N. 24° E., 51 lks.
dist., marked T43S R4W S7 BT.

A pinon, 10 ins. diam., bears S. 78° E., 45 lks.
dist., marked T43S R4W S18 \checkmark BT.

South, along the W. bdy. sec. 18.

38.38 The $\frac{1}{4}$ sec. cor. originally for secs. 15 and 18, which is
an iron post, 1 in. diam., extending 4 ins. above a
mound of stone, with brass cap marked.

$\frac{1}{4}$
S15 | S18
1915

From which,

A pinon, 10 ins. diam., bears East, 16 lks.
dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 10 ins. diam., bears N. 58° W., 15 lks.
dist., marked $\frac{1}{4}$ S15 BT.

I efface the marks on post and bearing tree that pertain
to sec. 18.

No other suitable bearing tree in sec. 15 available.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to bedrock and 14 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor. sec. 18 only, with brass cap marked.

$\frac{1}{4}$ S18

1927

From which,

A juniper, 6 ins. diam., bears S. 14° E., 12 lks.
dist., marked $\frac{1}{4}$ S18 BT.

No other suitable bearing tree available.

78.38 The cor. originally for secs. 15, 18, 19 and 22, which
is an iron post, 3 ins. diam., extending 4 ins. above
a mound of stone, with brass cap marked.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY T. 43 S., R. 4 W.

Chains

T43S	
R4 $\frac{1}{2}$ W	R4W
S15	S18
S22	S19

1915

From which,

A pinon, 12 ins. diam., bears N. 46° E., 26 lks.
dist., marked T43S R4W S18 BT.

A pinon, 10 ins. diam., bears S. 54° E., 68 lks.
dist., marked T43S R4W S19 BT.

A pinon, 12 ins. diam., bears S. $12^{\circ}30'$ W., 38 lks.
dist., marked T43S R4 $\frac{1}{2}$ W S22 BT.

A pinon, 10 ins. diam., bears N. 46° W., 34 lks.
dist., marked T43S R4 $\frac{1}{2}$ W S15 BT.

I efface the marks on post and bearing trees that pertain
to secs. 18 and 19.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
the ground to bedrock and 20 ins. in a mound of stone,
for cor. secs. 18 and 19 only, with brass cap marked.

T43S	T43S
R4 $\frac{1}{2}$ W	S18
S22	S19
	R4W

1927

From which,

A juniper, 16 ins. diam.; bears N. 44° E., 18 lks.
dist., marked T43S R4W S18 BT.

A pinon, 6 ins. diam., bears S. 48° E., 26 lks.
dist., marked T43S R4W S19 BT.

South, along the W. bdy. sec. 19.

10.15 Top of abrupt descent over inaccessible breaks of the
Vermillion Cliffs over which it is impossible to
chain, I therefore triangulate to the witness cor. to
the $\frac{1}{4}$ sec. cor. secs. 19 and 22 as follows. Erect flag
"A" at this point and flag "B" at the witness cor. to
the $\frac{1}{4}$ sec. cor. From flag "B", measure base line "BC",

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND SEC. COR. ON W. BOUNDARY
T. 43 S., R. 4 W.

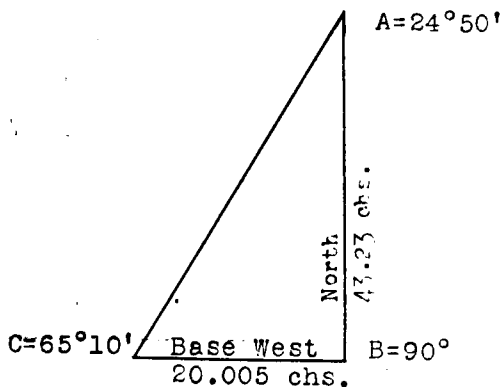
Chains

West, 20.005 chs. dist., from which point, flags "AB"

subtend an angle of $65^{\circ}10'$. Vertical angle flag "A"

to "B" is -19° .

All bearings checked by direct reading of the solar and
all angles checked by deflection.



Distance on line = 10.15 chs.
Distance by triangulation = 43.23 chs.
53.38 chs.

38.38 True point for the $\frac{1}{4}$ sec. cor. secs. 19 and 22 falls
on inaccessible SW. face of Vermillion Cliffs where
it is impossible to reach cor. point.

53.38 The witness cor. to the $\frac{1}{4}$ sec. cor. secs. 19 and 22,
which is a sandstone, 3 x 2 x 2 ins. above ground,
firmly set, marked $\frac{1}{4}$ WC on W. face, witnessed by a
mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high to W. of cor.

Thence,

S. $0^{\circ}21'$ W., on record course with continuous measurement.

78.43 Record course and distance, find no trace the cor.

monument for secs. 19, 22, 27 and 30, which is reported
as being an iron post, 3 ft. long and 3 ins. diam.

From the indications found, it appeared that the cor.
had been washed out by a flood.

As the two reported bearing trees were found, I restore
the cor. by record course and distance from the bearing
trees as follows.

S. 6° W., 76 lks. dist. from a juniper, 10 ins. diam.,
marked S19 T43S R4W BT.

S. 80° E., 68 lks. dist., from a juniper, 20 ins. diam.,

ESTABLISHMENT OF $\frac{1}{4}$ SEC. AND QUARTER SECTION CORNERS
T. 43 S., R. 4 W.

Chain

marked S22 T43S R4 $\frac{1}{2}$ W BT. 100.00 chs.
Set an iron post, 3 ft. long, 2 ins. diam., 107 ins. in
the ground, for restored cor. secs. 19, 22, 27 and 30
with brass cap marked.

T43S	
R4 $\frac{1}{2}$ W	R4W
S22	S19
S27	S30

1927

No other suitable bearing trees available for cor. and
as the original bearing trees are plainly marked, I
do not remark them.

DEPENDENT RESURVEY OF SUBDIVISION T. 43 S., R. 4 W.,
SUPERSEDING SURVEY MADE BY BAILEY AND BURRILL IN
YEAR 1877..

From the cor. secs. 1, 2, 35 and 36, on the N. bdy. of
the township, heretofore described.

S. 0° 5' W. on retracement line bet. secs. 1 and 2.

40.04 Record course and distance; find no trace of the $\frac{1}{4}$ sec.
cor.

Continue on same line with continuous measurement.

80.04 Record course and distance; intersect the cor. secs.
1, 2, 11 and 12, hereinafter described.

The course of this mile therefore is, S. 0° 05' W., and
the proportionate distance for the N. half mile is
40.04 chs. and the S. half mile, 40.00 chs.

Thence,

From the cor. secs. 1, 2, 35 and 36.

S. 0° 05' W., on dependent resurvey line bet. secs. 1 and
2.

Descend gradually over rolling S. slope of bench land
through scattered undergrowth and timber.

.60 Wash, 15 lks. wide, 3 ft. deep, drains N. 60° E. 10

3.30 Old wagon road, bears NE. and SW.

DEPENDENT RESURVEY OF SUBDIVISION T. 43 S., R. 4 W.

Chains

- 4.30 Wash, 20 lks. wide, 4 ft. deep, in bottom of swale, drains NE.
- 11.05 Wood road, bears S. 75° E. and N. 75° W., at N. edge of dense timber, bears S. 75° E. and N. 75° W.; thence through dense timber.
- 24.00 Spur, 60 ft. high, projects S. 60° E.; thence across rolling top of bench.
- 40.04 Proportionate measurement; on rolling top of bench. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 20 ins. in a mound of stone, for the restored $\frac{1}{4}$ sec. cor. secs. 1 and 2, with brass cap marked.
- $$\begin{array}{c} \frac{1}{4} \\ \downarrow \\ S2 \quad | \quad S1 \\ \downarrow \\ 1927 \end{array}$$
- From which,
- A juniper, 12 ins. diam., bears N. 68° E., 64 lks. dist., marked $\frac{1}{4}$ S1 BT.
- A pinon, 10 ins. diam., bears N. 62°30' W., 69 lks. dist., marked $\frac{1}{4}$ S2 BT.
- Continue over rolling top of bench.
- 61.20 Top of abrupt descent from bench, bears E. and W.
- 64.60 Base of abrupt descent from bench, 100 ft. below top, bears E. and W.; thence over rolling land.
- 67.00 Draw, 30 ft. deep, drains S. 65° W.
- 68.60 Spur, 20 ft. high, projects W.
- 79.70 Draw, 20 ft. deep, drains SW.
- 80.04 On S. edge of draw, the original cor. secs. 1, 2, 11 and 12, which is a charred cedar post, 3 ft. long, 3 ins. diam, lying on top of small mound of earth and stone, which I take for the original cor. secs. 1, 2, 11 and 12. Alongside the original cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 11 and 12, with brass cap marked.

DEPENDENT RESURVEY OF SUBDIVISION T. 43 S., R. 4 W.

Chains

T43S	R4W
S2	S1
S11	S12

1927

From which,

A pinon, 12 ins. diam., bears S. 46° E., 22 lks. dist., marked T43S R4W S12 BT.

No other suitable bearing trees available.

Land, rolling bench land with a general southerly exposure and drainage.

Soil, shallow and deep sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattered sage and black brush and brigham tea.

Timber, scattered and dense juniper and pinon.

Fair grazing.

N. 89°48' W., on retracement line bet. secs. 2 and 11.

40.20 Record course and distance; find no trace of the original $\frac{1}{4}$ sec. cor.

Continue on same line with continuous measurement.

83.54 Fall 61 lks. S. of the original cor. secs. 2, 3, 10 and 11, hereinafter described.

The course of this mile therefore is, N. 89°23' W., and the proportionate distance for each half mile is 41.77 chs.

Thence,

From the cor. secs. 1, 2, 11 and 12.

N. 89°23' W., on dependent resurvey line bet. secs. 2 and 11.

Over rolling bench land through scattered timber and undergrowth.

.75 Draw, 20 ft. deep, drains SW.

1.80 Spur, 20 ft. high, projects SW.

3.00 Draw, 40 ft. deep, drains SW.

9.20 Spur, 30 ft. high, projects S. 30° W.

DEPENDENT RESURVEY OF SUBDIVISION T. 43 S., R. 4 W.

Chains

30.00 Wash, 40 lks. wide, 15 ft. deep, in open draw, 40 ft. deep, drains S.

41.77 Proportionate measurement; on gentle E. slope.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 11 only, with brass cap marked.

$\frac{1}{4}$ S11

1927

From which,

A juniper, 10 ins. diam., bears S. 16° E., 40 lks. dist., marked $\frac{1}{4}$ S11 BT.

A juniper, 18 ins. diam., bears S. 85° W., 35 lks. dist., marked $\frac{1}{4}$ S11 BT.

42.68 Easting of 40.00 chs. from the closing cor. secs. 2 and 3.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 2 only, with brass marked.

$\frac{1}{4}$ S2

1927

From which,

A juniper, 12 ins. diam., bears N. 16° E., 71 lks. dist., marked $\frac{1}{4}$ S2 BT.

A juniper, 18 ins. diam., bears N. 3° W., 17 lks. dist., marked $\frac{1}{4}$ S2 BT.

49.40 Ridge, 60 ft. high, bears N. and S.; thence over rolling bench land.

82.68 Point for the closing cor. secs. 2 and 3, hereinafter described.

83.54 The cor. originally for secs. 2, 3, 10 and 11, which is a sandstone, 10 x 10 x 4 ins. above ground, firmly set, marked 5 notches on S. edge and 2 notches on E. edge and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

the ground, for cor. secs. 10 and 11 only, with brass cap marked.

T43S R4W
S3

S10 | S11

1927

From which,

A juniper, 30 ins. diam., bears S. 31° E., 80 lks. dist., marked T43S R4W S11 BT.

A juniper, 8 ins. diam., bears S. 51° W., 62 lks. dist., marked T43S R4W S10 BT.

Land, rolling, with a general southerly exposure and drainage.

Soil, shallow and deep sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattered sage, service berry and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

North, on retracement line bet. secs. 2 and 3.

40.00 Record course and distance; find no trace of the original $\frac{1}{4}$ sec. cor. secs. 2 and 3.

Note: An independent resurvey was made of this fractional mile as hereinafter shown.

From the cor. secs. 10 and 11.

West, on retracement line along the N. bdy. sec. 10.

39.83 Fall 56 lks. S. of the $\frac{1}{4}$ sec. cor. originally for secs. 3 and 10, hereinafter described.

The course of this half mile therefore is, N. $89^{\circ}12'$ W., and the distance is 39.83 chs.

Offset to the $\frac{1}{4}$ sec. cor. and continue W. with continuous measurement.

79.56 Fall 27 lks. S. of the original cor. for secs. 3, 4, 9 and 10, hereinafter described.

The course of this half mile therefore is, N. $89^{\circ}37'$ W.,
and the distance is 39.73 chs.

Thence,

From the con. secs. 10 and 11.

N. $89^{\circ}12'$ W., on dependent resurvey line along the N.
bdy. sec. 10.

Over rolling land through scattered undergrowth and
timber.

15.70 Wash, 30 lks. wide, 4 ft. deep, drains S.

24.15 Old wood road, bears NE. and SW.

28.70 Wash, 20 lks. wide, 3 ft. deep, drains S. 30° E.

38.20 Road, bears NE. to Clark's ranch and SW. to Kanab and
Johnson.

39.15 Point midway between the closing cors. of secs. 2 and 3
and secs. 3 and 4.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor. sec. 3 only, with brass cap
marked.

$\frac{1}{4}$ S3

1927

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.
dist.

Also deposit a sandstone, 10 x 10 x 8 ins., at base of
post, marked with a cross (X).

No other suitable accessories available.

39.83 The $\frac{1}{4}$ sec. cor. originally for secs. 3 and 10, which is
a sandstone, 12 x 10 x 8 ins. above ground, firmly set,
marked $\frac{1}{4}$ on N. face and unwitnessed. I reset cor.
so the $\frac{1}{4}$ will be on S. face of stone and alongside cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor. sec. 10 only, with brass cap
marked.

$\frac{1}{4}$ S10

1927

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

From which,

A pinon, 6 ins. diam., bears S. 21° E., 247 lks.
dist., marked $\frac{1}{4}$ S10 BT.

No other suitable bearing tree available.

Thence,

N. 89°37' W., with continuous measurement.

70.30 Wash, 30 lks. wide, 10 ft. deep, drains S. 30° W.

77.10 Wash, 50 lks. wide, 20 ft. deep, drains S. 20° W.

79.16 The point for the closing cor. secs. 3 and 4, hereinafter
described.

79.56 The cor. originally for secs. 3, 4, 9 and 10, which is
a sandstone, 8 x 8 x 8 ins. above ground, firmly set,
marked 5 notches on S. face, and 3 notches on E. face.

From which,

A juniper, 12 ins. diam., bears S. 85° E., 200 lks.
dist., marked S10 T43S R4W BT. I remark tree
T43S R4W, S10 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 9 and 10 only, with brass
cap marked.

T43S R4W	
S4	
S9	S10
1927	

No other suitable bearing tree available for sec. 9 .

Land, rolling with a general southerly exposure and
drainage.

Soil, deep sandy loam; 2nd rate.

Undergrowth, scattered sage and black brush and yellow
top.

Timber, scattered juniper and pinon.

Fair grazing.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

North, on retracement line bet. secs. 3 and 4.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor. secs. 3 and 4.

Note: An independent resurvey was made of this half mile as hereinafter shown.

From the cor. secs. 9 and 10.

West, on retracement line along the N. bdy. secs 9.

39.88 Intersect the $\frac{1}{4}$ sec. cor. originally for secs. 4 and 9, hereinafter described.

The course of this half mile therefore is West, and the distance is 39.88 chs.

Continue on same line with continuous measurement.

79.58 Intersect the cor. originally for secs. 4, 5, 8 and 9, hereinafter described.

The course of this half mile therefore is, West, and the distance is 39.70 chs.

Thence,

From the cor. secs. 9 and 10.

West, on dependent resurvey line along the N. bdy. sec. 9.

Over rolling bench land through scattered undergrowth and timber.

9.70 Wash, 20 lks. wide, 15 ft. deep, drains S.

16.00 Draw, 30 ft. deep, drains S.

39.39 As the true point for the $\frac{1}{4}$ sec. cor. sec. 4 will fall on side of wash where it is impossible to set a permanent cor.; therefore at this point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 4 only, with brass cap marked.

WC $\frac{1}{4}$ S4

1927

From which,

A juniper, 10 ins. diam., bears N. 27° E., 89 lks. dist., marked WC $\frac{1}{4}$ S4 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 14 W.

angle 0

Chains

A juniper, 15 ins. diam., bears N. 36° W., 30 lks.dist., marked WC $\frac{1}{4}$ S4 BT.

39.59 The true point for the $\frac{1}{4}$ sec. cor. sec. 4, falls on E. side of wash. No cor. set.

39.70 Wash, 20 lks. wide, 10 ft. deep, drains S. 10° E.

39.88 The $\frac{1}{4}$ sec. cor. originally for secs. 4 and 9, which is a sandstone, 10 x 8 x 4 ins. above ground, loosely set, marked $\frac{1}{4}$ on N. face.

From which,

A juniper, 18 ins. diam., bears N. 26° W., 30 lks. dist., marked $\frac{1}{4}$ S BT.

I reset stone so as the $\frac{1}{4}$ will be on S. face, destroy the marks on the bearing tree, and alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 9 only, with brass cap marked .

 $\frac{1}{4}$ S9

1927

From which,

A juniper, 20 ins. diam., bears S. 12° E., 67 lks. dist., marked $\frac{1}{4}$ S9 BT.

A pinon, 6 ins. diam., bears S. 65° W., 72 lks. dist., marked $\frac{1}{4}$ S9 BT.

Continue on same line with continuous measurement.

41.40 Wash, 50 lks. wide, 15 ft. deep, drains S.

43.30 Wash, 50 lks. wide, 30 ft. deep, drains S.

52.00 Wash, 90 lks. wide, 30 ft. deep, drains S.

55.40 Wash, 80 lks. wide, 20 ft. deep, drains S.

65.80 Wash, 30 lks. wide, 20 ft. deep, in bottom of draw from Seaman Canyon, drains SE.; ascend gradually over rolling E. slope.

66.80 Road, bears N. to Seaman Canyon, and S. to Kanab and to Johnson.

75.00 Spur, 75 ft. high, projects SE.; descend gradual SW. slope of spur.

79.68 On gradual SW. slope, 20 ft. below spur; the cor. originally for secs. 4, 5, 8 and 9, which is a sandstone, 12 x 10 x 6 ins., loosely set, marked 5 notches on E. edge and 4 notches on S. edge;

From which,

A juniper, 8 ins. diam., bears S. 10° E., 64 lks. dist., marked S9 T43S R4W BT. I remark tree T43S R4W S9 BT.

A juniper, 10 ins. diam., bears N. 10° W., 41 lks. dist., marked S5 T43S R4W BT. I efface the marks on this bearing tree.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and 14 ins. in a mound of stone, for cor. secs. 4 and 9 only, with brass cap marked.

T43S	R4W
S5	S4
	S9

1927

Take an additional bearing tree to the NE. as follows.

A juniper, 6 ins. diam., bears N. 27° E., 52 lks. dist., marked T43S R4W S4 BT.

Land, rolling, with a general southerly exposure and drainage.

Soil, deep loose sand mixed with sandstone; 3rd rate.

Undergrowth, scattered sage and rabbit brush.

Timber, scattered juniper and pinon.

Fair grazing.

North, on retracement line bet. secs. 4 and 5.

40.00 Find no trace of the sec. cor.

70.00 Record course and distance; find no trace of the witness cor. to the cor. secs. 4, 5, 32 and 33.

Note: An independent resurvey was made of this mile as hereinafter shown.

DEPENDENT RESURVEY OF SUBDIVISION T. 43 S., R. 4 W.

Chains

From the cor. secs. 4 and 9.

West, on retracement line bet. secs. 5 and 8.

12.50 Record course and distance; find no trace of the original witness cor. to the $\frac{1}{4}$ sec. cor.

Note; An independent resurvey was made of this half mile as hereinafter shown.

From the cor. secs. 4 and 9.

South, on retracement line along the W. bdy. sec. 9.

39.62 Fall 33 lks. E. of the $\frac{1}{4}$ sec. cor. originally for secs. 8 and 9, hereinafter described.

The course of this half mile therefore is, S. $0^{\circ}29'$ W., and the distance is 39.62 chs.

Continue South, on same line with continuous measurement.

79.47 Fall 44 lks. E. of the cor. originally for secs. 8, 9, 16 and 17, hereinafter described.

The course of this half mile therefore is, S. $0^{\circ}09'$ W., and the distance is 39.85 chs.

Thence,

From the cor. secs. 4 and 9.

S. $0^{\circ}29'$ W., on dependent resurvey line along the W. bdy. sec. 9.

Over rolling land through scattered undergrowth and timber.

.50 Draw, 20 ft. deep, drains SE.

1.18 Point for the closing cor. secs. 5 and 8, hereinafter described.

4.70 Draw, 30 ft. deep, drains SE.

7.30 Spur, 25 ft. high, projects E.

7.80 Draw, 20 ft. deep, drains E.

9.27 Barbed wire fence bears NW. and SE., on top of spur, 20 ft. high, projects SE.

20.80 Draw, 60 ft. deep, drains E.

24.00 Spur, 50 ft. high, projects SE.

33.10 Draw, 50 ft. deep, drains E.

29.52 Spary 40 ft. high, projects S. 60° E.

30.52 As the true point for the $\frac{1}{4}$ sec. cor. originally for secs. 8 and 9 falls in wash where it is impracticable to set a permanent cor., therefore at this point:

30.52 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs 9 only, with brass cap marked.

$\frac{1}{4}$ S9

W.C

1927

21.52 From which,

30.52 A juniper, 6 ins. diam., bears N. 19° E., 17 lks. dist., marked WC $\frac{1}{4}$ S9 BT.

A pinon, 10 ins. diam., bears S. 42° E., 53 lks. dist., marked WC $\frac{1}{4}$ S9 BT.

32.62 True point for the $\frac{1}{4}$ sec. cor. originally for secs. 8 and 9 falls in bottom of wash, 30 lks. wide, 5 ft. deep, in draw 30 ft. deep, drains SE. where it is impracticable to set a permanent cor.

True cor. point established by record course and distance from a bearing tree, which is a juniper, 5 ins. diam., bears N. 45° W., 35 lks. dist.

No trace of the original cor. monument found.

Thence,

S. 0°09' W., with continuous measurement.

41.18 Point midway bet. the closing cors. secs. 5 and 8 and secs. 8 and 17.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 8 only, with brass cap marked.

$\frac{1}{4}$ S8

1927

From which,

A pinon, 8 ins. diam., bears S. 88° W., 38 lks. dist., marked $\frac{1}{4}$ S8 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

A juniper, 10 ins. diam., bears N. 85° W., 50 lks.
dist., marked 1/2 S8 BT.

43.30 Spur, 20 ft. high, projects S. 60° E.

44.50 Draw, 30 ft. deep, drains SE.

52.60 Spur, 40 ft. high, projects E.

55.20 Draw, 30 ft. deep, drains E.

60.60 Spur, 50 ft. high, projects E.

66.40 Draw, 40 ft. deep, drains E.

69.50 Spur, 20 ft. high, projects E.

72.50 Draw, 30 ft. deep, drains E.

79.47 The cor. originally for secs. 8, 9, 16 and 17, which is
a sandstone, 10 x 6 x 6 ins. above ground, firmly set,
marked with 4 grooves on E. and S. faces.

From which,

A pinon, 8 ins. diam., bears N. 21° E., 277 lks.

dist., marked S9 T43S R4W BT. I remark bearing tree
T43S R4W S9 BT.

A pinon, 6 ins. diam., bears S. 68° W., 215 lks.

dist., marked S17 T43S R4W BT. I efface the marks
on this bearing tree.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 9 and 16 only, with brass
cap marked.

T43S	R4W
S8	S9
	S16

1927

No suitable bearing tree to the SE. available.

Corner set on top of spur, 50 ft. high, projects E.

Land, rolling and mountainous with a general southeasterly
exposure and drainage.

Soil, deep clay and sand loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattered sage and black brush.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains	
	<p>Timber, scattered juniper and piñon.</p> <p>Fair grazing.</p>
30.00	<p>West, on retracement line bet. secs. 8 and 17.</p> <p>Record course and distance; find no trace of the ^{witness} $\frac{1}{4}$ sec. cor. originally for secs. 8 and 17.</p> <p>Note: An independent resurvey was made of this half mile as hereinafter shown.</p>
39.74	<p>From the cor. secs. 9 and 16.</p> <p>South, on retracement line along the W. bdy. sec. 16.</p> <p>Fall 11 lks. E. of the $\frac{1}{4}$ sec. cor. originally for secs. 16 and 17, hereinafter described.</p> <p>The course of this half mile therefore is, S. $0^{\circ}09'$ W., and the distance is 39.74 chs.</p> <p>Offset to the $\frac{1}{4}$ sec. cor. and continue south, with continuous measurement.</p>
79.58	<p>Fall 12 lks. E. of the cor. originally for secs. 16, 17, 20 and 21, hereinafter described.</p> <p>The course of this half mile therefore is, S. $0^{\circ}10'$ W., and the distance is 39.84 chs.</p> <p>Thence,</p> <p>From the cor. secs. 9 and 16.</p> <p>S. $0^{\circ}09'$ W., on dependent resurvey line along the W. bdy. sec. 16.</p>
	<p>Over rolling land through scattered undergrowth and timber.</p>
1.71	<p>Point for the closing cor. secs. 8 and 17, hereinafter described.</p>
7.50	<p>Draw, 40 ft. deep, drains E.</p>
10.10	<p>Spur, 20 ft. high, projects E.</p>
14.00	<p>Draw, 30 ft. deep, drains E.</p>
35.90	<p>Draw, 30 ft. deep, drains E.</p>
39.74	<p>The $\frac{1}{4}$ sec. cor. originally for secs. 16 and 17, which is a sandstone, 10 x 10 x 4 ins. above ground, firmly set,</p>

Chains

marked $\frac{1}{2}$ on W. face and unwitnessed.

I reset cor. so as the $\frac{1}{2}$ will be on E. face of stone and alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 16 only, with brass cap marked.

$\frac{1}{2}$ S16

1927

Deposit a sandstone, 10 x 10 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence,

S. 6°10' W., with continuous measurement.

+1.71 Point southing of 40.00 chs. from the closing cor. secs. 8 and 17.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 17 only, with brass cap marked.

$\frac{1}{2}$ S17

1927

Deposit a sandstone, 10 x 10 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

68.50 Enter rolling top of bench, bears NE. and SW.

71.20 Road, bears N. 30° E. to Clark's ranch or to Pahreah, and S. 30° W. to Johnson or to Kanab.

77.70 Draw, 30 ft. deep, drains S. 30° W.

79.50 The original cor. of secs. 16, 17, 20 and 21, which is a sandstone, 12 x 10 x 6 ins. above ground, loosely set, marked 4 notches on E. edge and 3 notches on S. edge.

From which,

A juniper, 12 ins. diam., bears N. 40° E., 20 lks. dist., marked S16 T436 R4W BT. I remark bearing from T436 R4W S16 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

No other bearing trees reported.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

T43S	R4W
S17	S16
S20	S21

1927

Take additional bearing trees to cor. as follows.

A pinon, 10 ins. diam., bears S. 81° E., 36 lks. dist., marked T43S R4W S21 BT.

A pinon, 10 ins. diam., bears S. 60° W., 62 lks. dist., marked T43S R4W S20 BT.

A pinon, 10 ins. diam., bears N. 8° W., 18 lks. dist., marked T43S R4W S17 BT.

Land, rolling, with a general easterly and southerly exposure and drainage.

Soil, deep clay and sand loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattered shadscale, sage and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

West, on retracement line bet. secs. 17 and 20.

39.67 Fall 39 lks. S. of the $\frac{1}{4}$ sec. cor. secs. 17 and 20, hereinafter described.

The course of this half mile therefore is, N. 89°26' W., and the distance is 39.67 chs.

Offset to the $\frac{1}{4}$ sec. cor. and continue West, with continuous measurement.

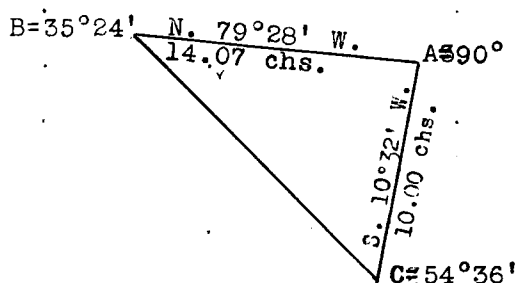
44.77 Record course and distance from the $\frac{1}{4}$ sec. cor.; as the original notes of this line gives an offset of 30.00 chs. South from this point and it is possible to continue the line to the West from this point, I therefore continue West on same line.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

65.94 As the inaccessible S. face of the Vermillion Cliffs make chaining to the W. of this point impossible and as the point for the cor. secs. 17, 18, 19 and 20 will fall on S. face of cliffs where it is impossible to reach cor. point, I triangulate to a point N. of line at top of ledges, as follows. Erect flag "A" at this point and flag "B", N. $79^{\circ}28'$ W. at top of cliffs. From flag "A", measure base line "AC", S. $10^{\circ}32'$ W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of $54^{\circ}36'$.

All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	65.94 chs.
Distance by triangulation=14.07 chs. or	
westing of	<u>13.83 chs.</u>
	79.77 chs.

80.01 To point "B" of triangulation and point 2.57 chs. North, of a point West, 40.10 chs. dist. from the $\frac{1}{4}$ sec. cor. of secs. 17 and 20. Set temp. point for the witness cor. to the cor. secs. 17, 18, 19 and 20.

From the cor. secs. 19, 20, 29 and 30, hereinafter described.

North, on retracement line bet. secs. 19 and 20.

40.00 Fall 28 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 19 and 20, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}24'$ E., and the distance is 40.00 chs.

Offset to the $\frac{1}{4}$ sec. cor. and continue North, with continuous measurement.

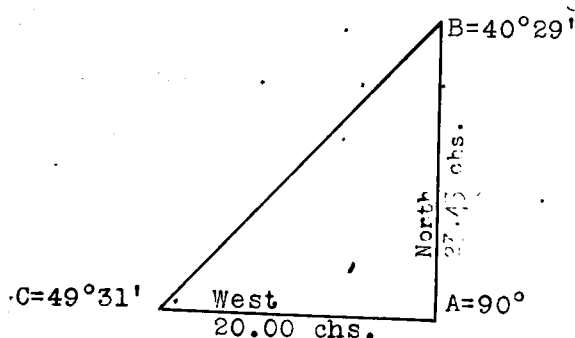
DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

50.00 Record course and distance; find no trace of the witness cor. to the cor. secs. 17, 18, 19 and 20.

Continue on same line with continuous measurement.

60.00 Inaccessible ledge makes chaining impossible, I therefore triangulate to top of ledges as follows. Erect flag "A" at this point and flag "B" on line North at top of ledges. From flag "A", measure base line "AC", West, 20.00 chs. dist., from which point, flags "AB" subtend an angle of $49^{\circ}31'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =

Distance by triangulation=

60.00 chs.

23.43 chs.

83.43 chs.

83.43 To point "B" of triangulation and a point 14 lks. West of temp. cor. secs. 17, 18, 19 and 20 left on line bet. secs. 17 and 20.

The witness cor. to secs. 17 and 20, and secs. 18 and 19, later set at a point, 43 lks. South of the temp. point left on line bet. secs. 17 and 20.

From the true point for the cor. secs. 17 and 20, to the $\frac{1}{4}$ sec. cor. secs. 17 and 20, the course of the line therefore is S. $89^{\circ}23'$ W., and the distance is 40.10 chs. From the $\frac{1}{4}$ sec. cor. secs. 19 and 20, to the cor. true point for the cor. secs. 17 and 20, the course of the line therefore is N. $0^{\circ}12'$ E., and the distance 40.00 chs.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

From the cor. secs. 16, 17, 20 and 21. $N. 89^{\circ}26' W.$, on dependent resurvey line bet. secs. 17 and 20.

Over rolling land through scattered undergrowth and timber.

.40 Draw, 20 ft. deep, drains S. $30^{\circ} W.$

2.10 Road, bears N. $30^{\circ} E.$ to Clark's ranch or Pahreah, and S. $30^{\circ} W.$ to Johnson or Kanab.

8.00 Bottom of wide open draw, 30 ft. deep, drains S.

27.50 Spur, 70 ft. high, projects SE.

30.60 Draw, 20 ft. deep, drains SE.; thence ascend gradually over broken S. slope of the Vermillion Cliffs.

39.67 The $\frac{1}{4}$ sec. cor. secs. 17 and 20, which is a sandstone, 6 x 6 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face:

From which,

A juniper, 15 ins. diam., bears N. $5^{\circ} W.$, 10 lks.

dist., marked $\frac{1}{4}$ S BT. I remark bearing tree $\frac{1}{4}$ S17 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. secs. 17 and 20, with brass cap marked.

S17
 $\frac{1}{4}$
S20

1927

No other suitable accessories available.

Cor. set on top of spur, 70 ft. above draw, projects S. Thence,

S. $89^{\circ}23' W.$, with continuous measurement.

43.50 Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend abrupt, broken SE. slope.

50.00 Spur, 110 ft. above draw, projects S. $60^{\circ} E.$; descend gradual SW. slope.

55.00 Head of draw, 50 ft. below spur, drains S. $60^{\circ} E.$; ascend abruptly over broken SE. slope.

DEPENDENT RESURVEY SUBDIVISION, T.43 S., R.4 W.

Chains

- 65.94 Base of inaccessible S. face of the Vermillion Cliffs bears N.80°E. and S.80°W.
- 79.77 True point for cor. of secs. 17 and 20 on inaccessible S. face of Vermillion Cliffs; therefore, at 3.00 chs. N.0°07'E. of this point and 5.00 chs. N.0°09'E. of the point for the cor. of secs. 18 and 19,
Mark a cross (+) on sandstone surfacerock, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 34 ins. in a large mound of stone for witness cor. to the cor. of secs. 17 and 20 and also the cor. of secs. 18 and 19, with brass cap marked

T43S	R4W
S18	S17
S19	S20
WC	
1927	

No suitable bearing trees or other accessories are available.

Cor. stands on top rim of the Vermillion Cliffs, 560 ft. above base, bears N.88°W. and S.88°E.

Land, rolling on E. portion of mile with a general southeasterly exposure and drainage; W. portion broken by ledges and has a general southerly exposure and drainage.

Soil, E. portion of mile is a shallow sand and clay loam, 3rd. rate; west portion, is surfacerock and shallow blue clay, 4th. rate.

Undergrowth, scattered shadscale, greasewood, sage, and black brush.

Timber, scattered juniper and pinon.

Fair grazing.

DEPENDENT RESURVEY OF SUBDIVISION, T.4S. R.4 W.

Chains

From the cor. of secs. 19, 20, 29, and 30, which is a sandstone, 8 x6 x6 ins. above ground, firmly set, marked with 5 notches on E. and 2 notches on S. edge and unwitnessed, alongside of which, Set an iron post, .3 ft. long, 2 ins. in dia., .27 ins. in the ground for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T43S	R4W
S19	S20
S30	S29

1927

Deposit a sandstone, 10x10x10 ins., marked with a cross (+) on one face at base of post.

No other suitable accessories available.

Cor. stands at NW. cor. of a four-strand barbed wire fence.

Thence

N.0°24'E., on dependent resurvey line bet. secs. 19 and 20.

Over rolling land through scattered undergrowth.

10.00 Enter scattered timber, bears E. and W.

27.40 Wash, 30 lks. wide, 20 ft. deep, drains S.30°E.

40.00 The $\frac{1}{4}$ sec. cor. secs. 19 and 20, which is a sandstone, 16x10x4 ins. above ground, firmly set, and marked $\frac{1}{4}$ on W. face;

From which

A juniper limb, 8 ins.diam., bears N.20°E., 18 lks. dist., marked $\frac{1}{4}$ S BT. I remark tree $\frac{1}{4}$ S 20 B T.

Alongside the original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. secs. 19 and 20, with brass cap marked

S19	S20
-----	-----

1927

RECORD OF SURVEY OF SUBDIVISION, T.43 S., R.4 W.

Chains	
	No other suitable accessories available.
	Thence
	N.0°12'E., with continuous measurement
47.00	Spur, 30 ft. high, projects S.30°E.
58.00	Draw, 20 ft. deep, drains S.30°E.
60.00	Base of inaccessible S. face of the Vermillion Cliffs, bears E. and W.
78.00	True point for the cor. of secs. 18 and 19, or 80.00 chs. southing from cor. secs. 7, 8, 17, and 18 falls on inaccessible S. face of cliffs and cor. point can not be reached.
80.00	True point for the cor. of secs. 17 and 20 falls on inaccessible S. face of cliffs and true cor. point can not be reached.
83.00	The witness cor. to the cor. of secs. 17 and 20, and the cor. of secs. 18 and 19, 590 ft. above base of the Vermillion Cliffs.
	Land, rolling and precipitous breaks of the Vermillion Cliffs; general S. exposure and drainage.
	Soil, deep sandy loam on S. portion of mile; shallow blue clay and surfacerock on N. portion; 3rd. and 4th. rates.
	Undergrowth, scattered shadscale, sage, rabbit, and black brush.
	Timber, scattered juniper and pinon on N. portion of mile.
	Fair grazing.
	From the cor. of secs. 19, 20, 29, and 30.
	N.89°51'W., on retracement line bet. secs. 19 and 30.
39.93	Fall 15 lks. S. of the $\frac{1}{4}$ sec. cor. secs. 19 and 30 hereinafter described.
	The course of this half mile therefore is N.89°38'W., and the distance is 39.93 chs.

DEPENDENT RESURVEY OF SUBDIVISION, T.43 S., R.4 W.

Chains	Offset to the $\frac{1}{4}$ sec. cor. and continue N.89°51'W., with continuous measurement.
80.17	Fall 40 lks. N. of the restored cor. of secs. 19, 22, 27, and 30 heretofore described. The course of this half mile therefore is N.89°35'W., and the distance is 40.25 chs. Thence from the cor. of secs. 19, 20, 29, and 30 N.89°38'W., on dependent resurvey line bet. secs. 19 and 30. Over rolling bench land through scattered undergrowth.
15.70	Wash, 20 lks. wide, 10 ft. deep, drains S.30°W.
19.92	Four-strand barbed wire fence, bears N. and S.
39.93	The $\frac{1}{4}$ sec. cor. secs. 19 and 30, which is a small sandstone, 6x6x4 ins., marked with a cross (+) and lying on top of a mound of earth. Alongside the original cor. which I reset in the ground at exact cor. point, Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. secs. 19 and 30, with brass cap marked <div style="text-align: center;"> $\frac{1}{4} \frac{S19}{S30}$ 1927 </div> Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. No other suitable accessories available. Thence S.89°35'W., with continuous measurement
43.30	Wash, 10 lks. wide, 3 ft. deep, drains S.
48.00	Wash, 10 lks. wide, 3 ft. deep, drains S.30°W.
60.00	Four-strand barbed wire fence, bears N. and S.; enter medium dense growth of timber, bears N.30°E. and S.30°W.
62.30	Wash, 30 lks. wide, 8 ft. deep, drains S.30°W.
63.70	Wash, 20 lks. wide, 5 ft. deep, drains S.
80.17	The cor. secs. 19, 22, 27, and 30 on the W. bdy. of the Tp. heretofore described.

DEPENDENT RESURVEY OF SUBDIVISION, T. 43 S., R. 4 W.

Chains

Land, rolling, with a general southerly exposure and drainage.

Soil, deep sandy loam; 2nd rate.

Undergrowth, scattered sage and black brush.

Timber, scattered juniper and pinon on W. portion of mile.

Fair grazing.

SURVEY NORTH BOUNDARY, T. 43 S., R. 4 W.

From the cor. Ts. 42 and 43 S., Rs. 4 and $4\frac{1}{2}$ W., heretofore described.

East, on random line along the N. bdy. of the township, setting temp. cors. at intervals of 40.00 chs. and 80.00 chs., and at:

362.26 Fall 53 lks. N. of the $\frac{1}{4}$ sec. cor. sec. 35, T. 42 S., R. 4 W., heretofore described.

The course of this portion of the boundary therefore is, S. $89^{\circ}55'$ E., and the distance is 362.26 chs.

Thence,

From the cor. Ts. 42 and 43 S., Rs. 4 and $4\frac{1}{2}$ W.

S. $89^{\circ}55'$ E., on true line, along the N. bdy. sec. 6, T. 43 S., R. 4 W.

Over rolling top of mesa through dense timber and scattered undergrowth.

19.20 Rolling top of sand spur, 70 ft. high, projects SW.

27.00 Bottom of sandy draw, 30 ft. deep, drains S. 20° W.

38.70 Sand spur, 30 ft. high, projects N. 30° E.

40.00 On sandy SE. slope of spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6 only, with brass cap marked.

$\frac{1}{4}$ S6

1927

SURVEY OF NORTH BOUNDARY, T. 43 S., R. 4W.

Chains

From which,

A juniper, 6 ins. diam., bears S. $89^{\circ}30'$ E., 32 lks.
dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 6 ins. diam., bears S. 25° W., 80 lks.
dist., marked $\frac{1}{4}$ S6 BT.

43.15 Westing of 280.00 chs. from the cor. secs. 34 and 35.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. sec. 31 only, with brass
cap marked.

$\frac{1}{4}$ S31

1927

From which,

A juniper, 5 ins. diam., bears N. 59° E., 67 lks.
dist., marked $\frac{1}{4}$ S31 BT.

A juniper, 5 ins. diam., bears N. 47° W., 130 lks.
dist., marked $\frac{1}{4}$ S31 BT.

55.80 Small draw, 20 ft. deep, drains N. 25° W.

71.90 Spur, 30 ft. high, projects N. 30° E.

80.00 On sandy NE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 5 and 6 only, with brass
cap marked.

T42S R4W.

S31

S6

S5

T43S

R4W

1927

From which,

A juniper, 12 ins. diam., bears S. 24° E., 182 lks.
dist., marked T43S R4W S5 BT.

A juniper, 10 ins. diam., bears S. 54° W., 84 lks.
dist., marked T43S R4W S6 BT.

Land, rolling sand hills with a general northerly exposure
and drainage.

Soil, deep loose sand; 3rd rate.

SURVEY OF NORTH BOUNDARY, T. 43 S., R. 4 W.

Chains

Undergrowth, scattered sage, black, and rabbit brush.
Timber, dense juniper and pinon.
Fair grazing.

S. 89°55' E., along the N. bdy. sec. 5.

Over rolling land through dense timber and scattered undergrowth.

3.15 On sandy NE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 31 and 32 only, with brass cap marked.

T42S	R4W
S31	S32

S5
T43S R4W

1927

From which,

A juniper, 8 ins. diam., bears N. 22°15' E., 62 lks. dist., marked T42S R4W S32 BT.

A juniper, 8 ins. diam., bears N. 26° W., 29 lks. dist., marked T42S R4W S31 BT.

20.00 Sandy draw, 70 ft. deep, drains N. 40° W.

37.50 Sandy ridge, 70 ft. high, bears N. and E.

40.00 On sandy NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. sec. 5 only, with brass cap marked.

1/4 S5

1927

From which,

A juniper, 6 ins. diam., bears S. 46° E., 44 lks. dist., marked 1/4 S5 BT.

A juniper, 6 ins. diam., bears S. 45° W., 51 lks. dist., marked 1/4 S5 BT.

43.15 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. sec. 32 only, with brass cap marked.

SURVEY OF NORTH BOUNDARY, T. 43 S., R. 4 W.

Chains

$\frac{1}{4}$ S32

1927

From which,

A juniper, 10 ins. diam., bears N. $27^{\circ}30'$ E., 176 lks.
dist., marked $\frac{1}{4}$ S32 BT.

A juniper, 12 ins. diam., bears N. $71^{\circ}15'$ W., 216 lks.
dist., marked $\frac{1}{4}$ S32 BT.

63.40 Top of abrupt descent over red ledges into Seaman Canyon,
bears N. and S.

70.00 Bottom of Seaman Canyon, 400 ft. below ridge, drains
S. 30° W.; small seeps of good water found along
bottom of canyon; ascend abrupt, broken NW. slope.

73.10 Small spur, 40 ft. above bottom of canyon, projects SW.;
descend abrupt, broken SE. slope of spur.

76.30 Bottom of fork of Seaman Canyon, 40 ft. below spur, drains
SW.; ascend abruptly over broken NW. slope.

80.00 On broken NW. slope, 80 ft. above fork of Seaman Canyon:
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 4 and 5 only, with brass
cap marked.

T42S R4W
S32

S5	S4
T43S	R4W

1927

From which,

A pinon, 10 ins. diam., bears S. 70° E., 80 lks.
dist., marked T43S R4W S4 BT.

No other suitable bearing trees available.

Land, rolling and broken, with a general southwesterly
exposure and drainage.

Soil, deep and shallow sandy loam, mixed with loose
sandstone; 3rd rate.

Undergrowth, scattered sage, black, service-berry and
rabbit brush.

SURVEY OF NORTH BOUNDARY, T. 43 S., R. 4 W.

Chains

Timber, dense juniper and pinon.

Fair grazing.

S. 89°55' E., along the N. bdy. sec. 4.

Ascend abrupt, broken NW. slope over sandstone ledges through scattered undergrowth and timber.

- 3.15 On broken NW. slope, 75 ft. above cor. secs. 4 and 5. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 32 and 33 only, with brass cap marked.

T42S	R4W
S32.	S33

S4
T43S R4W

1927

From which,

A pinon, 8 ins. diam., bears N. 55° E., 64 lks. dist., marked T42S R4W S33 BT.

A juniper, 36 ins. diam., bears N. 32° W., 23 lks. dist., marked T42S R4W S32 BT.

Continue abrupt ascent over broken NW. slope of spur.

- 12.50 Spur, 180 ft. above cor. secs. 32 and 33, projects SW.; continue abrupt ascent over broken S. face of the Vermillion Cliffs.

- 40.00 On gradual W. slope of sandy spur, near top, 380 ft. above last spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor. sec. 4 only, with brass cap marked.

$\frac{1}{4}$ S4

1927

From which,

A pinon, 10 ins. diam., bears S. 70° E., 43 lks. dist., marked $\frac{1}{4}$ S4 BT.

A pinon, 10 ins. diam., bears S. 53° W., 13 lks. dist., marked $\frac{1}{4}$ S4 BT.

Chains

41.40 Top of main spur from mesa, 20 ft. above the $\frac{1}{4}$ sec. cor. sec. 4, projects S., about 10.00 chs. dist.; descend abrupt E. slope of spur and the Vermillion Cliffs over nearly inaccessible ledges.

41.91 As the true point for the $\frac{1}{4}$ sec. cor. sec. 33, will fall on inaccessible E. face of ledge, therefore, at this point on top of ledge, 30 ft. below spur, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 28 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ s-c. cor. sec. 33 only, with brass cap marked.

$\frac{1}{4}$ S33
WC

1927

From which,

A pinon, 12 ins. diam., bears N. 60° W., 79 lks. dist., marked WC $\frac{1}{4}$ S33 BT.

No other suitable bearing tree available.

43.15 The true point for the $\frac{1}{4}$ sec. cor. falls on inaccessible E. face of ledge where it is impossible to set cor. Continue abrupt descent over nearly inaccessible E. face of the Vermillion Cliffs.

65.00 Bottom of rocky gulch, 850 ft. below spur, drains S.; ascend abruptly over nearly inaccessible W. face of Vermillion Cliffs

80.00 On broken W. slope of the Vermillion Cliffs, 400 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and 26 ins. in a mound of stone, for cor. secs. 3. and 4. only, with brass cap marked.

T42S R4W
S33

S4	S3
T43S	R4W

1927

Chains

From which, (Q33) bears S. 8° W., 37 lks.

A pinon, 8 ins. diam., bears S. 8° W., 37 lks.
dist., marked T43S R4W, S4.BT.

No other suitable bearing trees available.

Land, broken E., W., and S. faces of the Vermillion Cliffs.

Soil, sandstone surface rock and shallow loose sand, rock,
and blue clay; 4th rate.

Undergrowth, scattered sage, service-berry, rabbit, and
and bitter brush.

Timber, scattered scrub juniper and pinon.

Poor grazing.

S. 89°55' E., along the N. bdy. sec. 3.

Ascend abruptly over nearly inaccessible W. face of the
Vermillion Cliffs through scattered undergrowth and
timber.

3.15 True point for the cor. of secs. 33 and 34 falls on
sloping surfacerock, where it is impracticable to set
a cor.

3.56 On sandstone surfacerock, at base of nearly inaccessible
ledge, 140 ft. above the cor. of secs. 3 and 4, bears
N. and S.; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 34 ins. in a
mound of stone, for witness cor. to the cor. of secs.

33 and 34, with brass cap marked.

T42S	R4W
S33	S34

WC

S3
T43S R4W

1927

No suitable accessories available.

7.80 Top of S. point of ledge from mesa, 250 ft. above cor.
of secs. 33 and 34. Descend abruptly over broken SE.

breaks of the Vermillion Cliffs.

20.00 Slope changes from SE. to the S.

40.00 On shelf of ledge, 320 ft. below point of ledge from mesa.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
ground to bedrock and 20 ins. in a mound of stone, for

SURVEY OF NORTH BOUNDARY; T. 43 S., R. 4 W.

Chains

$\frac{1}{4}$ sec. cor. sec. 3, with brass cap marked

entire

$\frac{1}{4}$ S3

1927

From which.

A juniper limb, 6 ins. diam., bears S. $20^{\circ}30'$ E., 32 lks. dist., marked $\frac{1}{4}$ S3 BT.

A juniper, 6 ins. diam., bears S. $79^{\circ}45'$ W., 41 lks. dist., marked $\frac{1}{4}$ S3 BT.

43.15 On shelf of ledge.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 16 ins. in a mound of stone, for sec. cor. sec. 34, with brass cap marked

$\frac{1}{4}$ S34

1927

From which.

A pinon, 8 ins. diam., bears N. $84^{\circ}45'$ W., 132 lks. dist., marked $\frac{1}{4}$ S34 BT.

No suitable bearing tree in sec. 34 to the NE. available

46.30 Head of draw, 90 ft. below the $\frac{1}{4}$ sec. cor. sec. 3, drains S. 30° W. Ascend broken SW. slope over ledges.

60.70 The S. point of high ledge from mesa, 200 ft. above head of draw; descend abruptly over broken SE. slope.

80.00 On steep E. slope, 410 ft. below point of ledge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2 and 3, with brass cap marked

T42S R4W
S34

S 3 | S 2
T43S | R4W

1927

From which:

A pinon, 6 ins. diam., bears S. 73° W., 78 lks. dist., marked T43S R4W S3 BT.

No suitable bearing tree in sec. 2 available. Land, broken S. breaks of the Vermilion Cliffs.

SURVEY OF NORTH BOUNDARY, T.43 S., R.4 W.

Chains

Soil, sandstone surface rock and shallow, loose sand and blue clay; 4th. rate.

Undergrowth, scattered sage, service berry, bitter and black brush.

Timber, scattered scrub juniper and pinon.

Poor grazing.

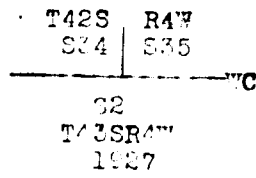
S.89°55'E., along N. bdy. sec. 2.

Descend abrupt E. slope through scattered timber and undergrowth.

2.00 Bottom of a blue clay gulch, 60 ft. below cor., drains S.; ascend abrupt W. slope over blue clay hills.

2.26 On E. side of gulch.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for witness cor. to the cor. of secs. 34 and 35, T.43 S., R.4 W., with brass cap marked



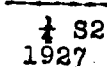
Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No suitable bearing trees available.

3.15 True point for the cor. of secs. 34 and 35 on steep SW. slope of blue clay hill where it is impossible to set a permanent cor.

5.70 Spur, 90 ft. above gulch, projects S.30°E., descend gradually over broken SE. slope.

40.00 On broken SE. slope, 260 ft. below spur.

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to bedrock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. sec. 2 only, with brass cap marked



From which

A pinon, 14 ins. diam., bears S.72°E., 15 lks. dist., marked $\frac{1}{4}$ S 2 B T

Chains	
	<p>A pinon, 12 ins. diam., bears S. 38$\frac{1}{2}$° W., 75 lks. dist., marked $\frac{1}{4}$ S 2 B T</p>
42.26	<p>The $\frac{1}{4}$ sec. cor. S. bdy. sec. 35, T. 42 S., R. 4 W., described on page 6 of these notes.</p> <p>Land, broken, with a general southeasterly exposure and drainage.</p> <p>Soil, shallow sand and blue clay; 4th. rate.</p> <p>Undergrowth, scattered sage, service berry and bitter brush.</p> <p>Timber, scattered scrub juniper and pinon.</p> <p>Fair grazing.</p>
<p>SUBDIVISION OF T. 43 S., R. 4 W.</p> <p>From the cor. of secs. 5 and 6 on the N. bdy. of the Tp. heretofore described,</p> <p>S. 0° 01' W., bet. secs. 5 and 6.</p> <p>Over rolling top of mesa through dense timber and scattered undergrowth.</p>	
19.00	<p>Rounded top of ridge, 75 ft. above cor., bears E. and W.; gradually descend over S. slope.</p>
28.50	<p>Sandy draw, 60 ft. below ridge, drains S. 60° W., ascend gradual NW. slope.</p>
40.00	<p>Sandy spur, 40 ft. above draw, projects SW.</p> <p>Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$ S6 | S5 1927 </div>
	<p>From which</p> <p>A juniper, 6 ins. diam., bears S. 70° E., 20 lks. dist., marked $\frac{1}{4}$ S 5 B T</p> <p>No other bearing trees or accessories available.</p> <p>Descend gradually over rolling S. slope.</p>
51.20	<p>Draw, 80 ft. below spur, drains S. 60° W., ascend gradually over broken NW. slope.</p>

SUBDIVISION OF T.43 S., R.4 W.

Chains

80.00 On sandy W. slope, 110 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T43S	R4W
S6	S5
S7	S8
1927	

From which

A pinon, 10 ins.diam., bears N.28°E., 19 lks.

dist., marked T43S R4W S5-BT

A juniper, 5 ins.diam., bears S.73°E., 45 lks.

dist., marked T43S R4W S8 BT

A pinon, 8 ins.diam., bears S.9°W., 163 lks.

dist., marked T43S R4W S7 BT

A pinon, 10 ins.diam., bears N.21°W., 83 lks.

dist., marked T43S R4W S6 BT

Land, rolling and broken with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd. rate.

Undergrowth, scattered yellow top, sage, rabbit, and black brush.

Timber, dense juniper and pinon.

Fair grazing.

N.89°55'W., on a random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect W. bdy. of the Tp. 2 lks. N. of the true point for the cor. of secs. 6 and 7, which is 1.62 chs. south of the true point for the sec. cor. heretofore described in these notes.

Thence

S.89°56'E., on true line bet. secs. 6 and 7.

Ascend gradually over broken N. slope through dense timber and scattered undergrowth.

40.04 On broken NW. slope, 150 ft. above true point for cor. of secs. 6 and 7

SUBDIVISION OF T43 S., R4W.

antard

Chains

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and 14 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S6
—
S7
1927

From which

A pinon, 10 ins. diam., bears S.1°E., 47 lks.

dist., marked $\frac{1}{4}$ S 7 B T

A pinon, 10 ins. diam., bears N.64°W., 35 lks.

dist., marked $\frac{1}{4}$ S 6 B T

Gradually ascend broken NW. slope.

76.00 Head of draw, 40 ft. deep, drains NW.; continue gradual ascent over broken W. slope.

80.08 The cor. of secs. 5, 6, 7, and 8, 180 ft. above $\frac{1}{4}$ sec. cor. Land, broken top of mesa, north and northwest exposure and drainage.

Soil, shallow sandy loam and loose sandstone rock; 3rd. rate.

Undergrowth, scattered sage, black, bitter, and rabbit brush.

Timber, dense juniper and pinon.

Fair grazing.

S.89°55'E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 On broken E. slope; intersect W. bdy, sec. 9.

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground to solid rock and 16 ins. in a mound of stone for closing cor. of secs. 5 and 8, with brass cap marked

T43S | R4W
C S5 | S9
C ——— |
S8 |
1927

From which

A juniper, 6 ins. diam., bears S.28°W., 54 lks.

438
SUBDIVISION OF T.43 S., R.4 W.

Chains

dist., marked T43S R4W S8 CC BT

A pinon, 10 ins.diam., bears N.38°W., 18 lks.

dist., marked T43S R4W S5 CC BT

From this cor., the cor. of secs. 4 and 9 heretofore

described bears N.0°29'E., 1.18 chs. distant.

Thence

N.89°55'W., on true line bet. secs. 5 and 8

Ascend abruptly E. breaks of the Vermillion Cliffs

through dense timber and scattered undergrowth.

5.74 Four-strand barbed wire fence, bears N.10°W. and S.10°E.

29.04 Top of Vermillion Cliffs and breaks, 510 ft. above
closing cor., bears N. and S.; thence over mesa land,
gradually ascending on a NE. slope.

39.87 On rolling NE. slope

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ ——— $\frac{S5}{S8}$

1927

From which

A pinon, 6 ins.diam., bears N.54 $\frac{1}{2}$ °E., 159 lks.

dist., marked $\frac{1}{4}$ S 5 B T

A pinon, 10 ins.diam., bears S.82°E., 117 lks.

dist., marked $\frac{1}{4}$ S 8 B T

Continue gradual ascent.

72.75 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects NW.; gradually
descend over W. slope 40 ft. to

79.74 The cor. of secs. 5, 6, 7, and 8.

Land, precipitous E. breaks of Vermillion Cliffs on E.

29.04 chs.; rolling mesa top on remainder of mile.

Soil, shallow sandy loam mixed with loose sandstone rock;
3rd. rate.

Undergrowth, scattered yellow top, sage, service berry,
bitter, black, and rabbit brush.

Timber, dense juniper and pinon.

Fair grazing.

SUBDIVISION OF T43 S. 1/4 W.

Chains

entire

S.0°01'W., bet. secs. 7 and 8

Gradually descend over rolling top of mesa through scattered undergrowth and dense timber.

27.50 Fork of Flood Canyon, 150 ft. below sec. cor., drains W.; ascend abruptly NE. slope broken by sandstone ledges.

40.00 On broken E. slope of sandstone surface rock, 220 ft. above fork of Flood Canyon, mark a cross (+), over which

Set an iron post, 5 ft. long, 1 in. in dia., 34 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S7 | S8
1927

From which

A pinon, 8 ins. diam., bears S.83°E., 15 lks. dist., marked $\frac{1}{4}$ S 8 B T

A pinon, 12 ins. diam., bears N.70°W., 102 lks. dist., marked $\frac{1}{4}$ S 7 B T

65.00 Spur, 160 ft. above $\frac{1}{4}$ sec. cor., projects W.; descend gradually over broken SW. slope.

79.80 Draw, 80 ft. below spur, drains W.; ascend abrupt N. slope.

80.00 On S. side of draw, 10 ft. above bottom

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground to solid rock and 16 ins. in a mound of stone for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T43S | R4W
S7 | S8
S18 | S17
1927

From which

A pinon, 6 ins. diam., bears N.25°E., 53 lks. dist., marked T43S R4W S8 BT

chains

A pinon, 6 ins. diam., bears S. 40° E., 32 lks.
dist., marked T43S R4W S17 BT.

A pinon, 12 ins. diam.; bears S. 30° W., 122 lks.
dist., marked T43S R4W S18 BT.

A pinon, 6 ins. diam., bears N. 48° W., 14 lks.
dist., marked T43S R4W S7 BT.

Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow, rocky sand loam; 3rd rate.

Undergrowth, scattered yellow top, sage, service-berry, black, and rabbit brush.

Timber, dense juniper and pinon.

Fair grazing.

N. 89°56' W., on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the W. bdy. of the township, 9 lks. N. of the cor. secs. 7 and 18, heretofore described.

Thence,

East, on true line bet. secs. 7 and 18.

Over rolling top of bench through dense timber and scattered undergrowth.

13.40 Leave rolling top of bench, bears N. and S.; thence descend abrupt NE. slope.

40.10 On abrupt NE. slope, 250 ft. below bench.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S7
 $\frac{1}{4}$ ———
S18

1927

From which,

A pinon, 12 ins. diam., bears S. 20° W., 41 lks.
dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 8 ins. diam., bears N. 6°30' W., 66 lks.

SUBDIVISION, T. 43 S., R. 4 W.

Chains	
	dist., marked $\frac{1}{2}$ S7 BT.
44.50	Main fork of Flood Canyon, 100 ft. below the $\frac{1}{2}$ sec. cor., drains N. 60° W.; ascend abruptly over broken W. slope.
63.50	Spur, 300 ft. above bottom of canyon, projects SW.; descend gradually over broken SE. slope.
75.00	Bottom of draw, 180 ft. below spur, drains SW.; ascend abrupt NW. slope.
80.20	The cor. secs. 7, 8, 17 and 18, 60 ft. above draw. Land, rolling and broken, with a general northwesterly exposure and drainage. Soil, shallow sandy loam mixed with loose sandstone; 3rd rate. Undergrowth, scattered yellow top, oak, sage, service-berry, black, and rabbit brush. Timber, dense juniper and pinon. Fair grazing.
	S. 89°55' E., on true line bet. secs. 8 and 17. Ascend abruptly over broken SW. slope through scattered undergrowth and dense timber.
.75	Small draw, 10 ft. deep, drains N. 80° W.
5.30	The S. point of rocky spur, 130 ft. above cor.; descend gradually over broken SE. slope of spur.
8.00	Head of same draw as last, 35 ft. below spur, drains S. 60° W.; ascend gradual NW. slope.
16.50	Spur, 40 ft. above head of draw, projects NW.; descend gradual NE. slope.
29.00	Head of sandy draw, 50 ft. below spur, drains NW.; ascend gradual NW. slope.
40.00	On top of sandy ridge, 50 ft. above head of draw, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S8

S17

1927

From which,

A pinon, 10 ins. diam., bears S. 29° W., 59 lks.
dist., marked $\frac{1}{2}$ S17 BT.

A pinon, 12 ins. diam., bears N. $5^{\circ}30'$ W., 51 lks.
dist., marked $\frac{1}{2}$ S8 BT.

44.00 Top of abrupt descent over broken E. breaks of the
Vermillion Cliffs, bears N. and S.

65.00 Base of abrupt descent, bears N. and S.; thence descend
gradually over rolling E. slope.

79.39 On rolling E. slope, 680 ft. below top of the Vermillion
Cliffs; intersect the W. bdy. sec. 16, S. $0^{\circ}00'$ W.,
1.71 chs. dist. from the cor. secs. 9 and 16, hereto-
fore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for closing cor. secs. 8 and 17, with brass
cap marked.

T43S	R4W
C S8	
C S17	S16
1927	

From which,

A pinon, 6 ins. diam., bears N. $38^{\circ}30'$ W., 321 lks..
dist., marked T43S R4W, S8 CC BT.

No suitable bearing tree to the SW. available.

Land, rolling and broken, with a general easterly and
westerly exposure and drainage.

Soil, sandstone surfacerock and shallow loose sand;

3rd rate.

Undergrowth, scattered yellow top, sage, black, service-
berry and rabbit brush.

Timber, dense juniper and pinon.

Fair grazing.

SUBDIVISION, T. 43 S., R. 4 W.

Chains

ended

From the cor. secs. 7, 8, 17 and 18.

S. 0°07' W., on true line bet. secs. 17 and 18, to visible signal left at the witness cor. to the cor. secs. 17 and 20, which is also the witness cor. to the cor. secs. 18 and 19.

Ascend gradually over broken N. slope through scattered undergrowth and dense timber.

5.50 Spur, 50 ft. above cor., projects W.; descend gradually over broken SW. slope.

22.70 Main fork of Flood Canyon near head, 240 ft. below spur, drains W.; ascend abruptly over broken NW. slope.

32.00 Spur, 200 ft. above fork of Flood Canyon, projects W.; descend gradually over broken SW. slope.

40.00 On broken SW. slope, 20 ft. below spur;
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 22 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S18 | S17
1927

Deposit a sandstone, 10 x 10 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

48.00 Descent becomes abrupt, bears NW. and SE.

54.50 Bottom of fork of Flood Canyon, 250 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° W., heads about 10 chains to the SE.; ascend abrupt N. slope.

70.80 Enter level top of small mesa, 240 ft. above fork of Flood Canyon, bears E. and W.; thence over level top of mesa.

75.00 The witness cor. to the cor. secs. 17 and 20, which is N. 0°07' E., 3.00 chs. dist. from the true point for cor., and also the witness cor. to the cor. secs. 18 and 19, which is N. 0°07' E., 5.00 chs. dist. from true point for cor. as heretofore described.

78.00 True point for cor. secs. 17 and 20 on inaccessible S. breaks of Vermillion Cliffs.

SUBDIVISION OF T.43 S., R.4 W.

Chains	Thence	
	S.0°12'W., along W.bdy. sec.20 with continuous measurement	
80.00	True point for cor. secs. 18 and 19 on inaccessible S. break of Vermillion Cliffs. No cor. set.	
	Land, broken; general W. exposure and drainage.	
	Soil, sandstone surfacerock and shallow, rocky, sandy loam; 4th. rate.	
	Undergrowth, scattered yellow top, sage, service berry, black and rabbit brush.	
	Timber, dense juniper and pinon.	
	Fair grazing.	
	From the witness cor. to the cor. of secs. 18 and 19, N.0°09'E., 5.00 chs. dist. from true cor. point which is inaccessible.	
	West, on offset random line bet. secs. 18 and 19.	
30.00	Thence, S.0°09'W., 5.00 chs. to true line.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.30	Intersect W. bdy. of the Tp., 12 lks. S. of the cor. of secs. 18 and 19 heretofore described.	
	Thence	
	S.89°55'E., on true line bet. secs. 18 and 19.	
	Over rolling mesa through dense timber and scattered undergrowth.	
40.15	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	
		<div style="text-align: center;"> S18 +-----+ S19 1927 </div>
	From which	
	A pinon, 6 ins. diam., bears S.19°W., 24 lks. dist., marked $\frac{1}{4}$ S 19 B T	
	A pinon, 6 ins. diam., bears N.52°W., 20 lks. dist., marked $\frac{1}{4}$ S 18 B T	
50.30	Top of S. breaks of the Vermillion Cliffs, 980 ft. high, bears N.80°E., and S.; thence on offset line, N.0°09'E., 500 chs., then	

SUBDIVISION OF T. 43 S. 12 E. W.

Chains

enlist

S. 89°55'E., on offset line to

80.30

The witness cor. to the cor. of secs. 18 and 19 which is
also the witness cor. to the cor. of secs. 17 and 20.

Land, rolling mesa on top of the Vermillion Cliffs;
general S. exposure and drainage.

Soil, sandstone surfacerock and shallow, loose, sandy
loam; 3rd. rate.

Undergrowth, scattered yellow top, sage, black, service
berry and rabbit brush.

Timber, juniper and pinon.

Fair grazing.

From the cor. of secs. 4 and 9 heretofore described.

N. 0°01'E., on a random line bet. secs. 4 and 5

39.82

Set temp. $\frac{1}{4}$ sec. cor.

78.83

Intersect N. bdy. of the Tp. 37 lks. W. of the cor. of
secs. 4 and 5 heretofore described.

Thence

S. 0°17'W., on true line bet. secs. 4 and 5.

Ascend abrupt N. slope over ledges through dense timber
and scattered undergrowth.

.60

Spur, 150 ft. above cor., projects SW.; descend abrupt
SE. slope of spur.

40.00

On broken SE. slope of spur, 300 ft. below top.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in
the ground on solid rock and 14 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S5 | S4
1927

From which

A juniper, 6 ins. diam., bears S. 10°E., 16 lks.

dist., marked $\frac{1}{4}$ S 4 B T

A juniper, 20 ins. diam., bears N. 17°W., 70 lks.

dist., marked $\frac{1}{4}$ S 5 B T

SUBDIVISION, T. 43 S., R. 4 W.

Chains

- 45.00 Descent becomes gradual, bears NE. and SW.
- 45.60 Road, in bottom of wash from Seaman Canyon, bears N. 60° W. and S. 60° E.; wash drains S. 60° E., wash is 50 lks. wide, 4 ft. deep; thence along bottom of wash.
- 48.50 Leave bottom of said wash, drains SE.
- 49.80 Recross same wash, drains SW.
- 58.40 Recross same wash in bottom of draw, 150 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend abrupt NE. slope of spur.
- 71.30 Top of spur, 80 ft. above draw, projects SE.; descend gradual SW. slope of spur.
- 78.82 The cor. secs. 4 and 9, 40 ft. below top of spur.
Land, broken talus slope of the Vermillion Cliffs, with a general southeasterly exposure and drainage.
Soil, shallow, rocky, sand and clay loam; 3rd rate.
Undergrowth, scattered yellow top, shadscale, sage, oak, service-berry, black and rabbit brush.
Timber, dense juniper and pinon.
Fair grazing.

From the cor. secs. 3 and 4, on the north boundary of the township, heretofore described.

S. $0^{\circ}18'$ W., on true line bet. secs. 3 and 4.

Descend abruptly over broken SW. breaks of the Vermillion Cliffs through scattered timber and undergrowth.

28.60 Descent becomes gradual, bears NW. and SE.

40.00 On broken SW. slope, 480 ft. below sec. cor.

Set an iron post, 7 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S4 — S3
 1927

From which,

A pinon, 6 ins. diam., bears N. 48° E., 38 lks. dist., marked $\frac{1}{4}$ S3 BT.

SUBDIVISION, T: 43 S., R. 4 W.

Chains

A juniper, 6 ins. diam., bears S. 5° W., 15 lks. dist., marked $\frac{1}{2}$ S4 BT.

Continue gradual descent over broken SW. slope.

54.60 Draw, 50 ft. below the $\frac{1}{2}$ sec. cor., drains E.; ascend gradual N. slope.

61.00 Spur, 50 ft. above draw, projects SE.; descend gradual SW. slope.

78.60 On rolling land, 60 ft. below spur:

Intersect the N. bdy. sec. 10, S. $89^{\circ}37'$ E., 40 lks. dist. from the cor. secs. 9 and 10, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 3 and 4, with brass cap marked.

C	C
T43S	R4W
S4	S3

S10

1927

From which,

A juniper, 8 ins. diam., bears N. 40° E., 229 lks. dist., marked BT.

A juniper, 16 ins. diam., bears N. $0^{\circ}30'$ W., 230 lks. dist., marked BT.

Trees too scrubby for other markings.

Land, broken S. breaks and talus slope of the Vermillion Cliffs.

Soil, sandstone ledges and shallow, sand and blue clay loam; 4th rate.

Undergrowth, scattered yellow top, shadscale, sage, service-berry and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

SUBDIVISION OF T.43 S., R.4 W.

Chains

From the cor. of secs. 2 and 3 on the N. bdy. of the
Tp. heretofore described

S.0°19'W., on a true line bet. secs. 2 and 3.

Descend abrupt SE. slope of blue clay hill through
scattered timber and undergrowth.

3.50 Draw, 80 ft. below sec. cor., drains SE.; ascend
gradually over broken SW. slope of spur.

10.50 Spur, 60 ft. above draw, projects SE.; descend gradually
over broken SW. slope of spur.

35.00 Draw, 220 ft. below spur, drains S.20°E.; continue
gradual descent along W. side of draw.

40.00 On W. side of draw.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S2 | S2
1927.

From which

A pinon, 6 ins.diam., bears N.29°E., 29 lks.

dist., marked $\frac{1}{4}$ S 2 B T

A pinon, 8 ins.diam., bears N.35°W., 56 lks.

dist., marked $\frac{1}{4}$ S 3 B T

45.00 Enter bottom of draw noted at 35.00 chs., drains S.
and comes from N.20°E.; thence along bottom of draw.

47.70 Leave bottom of draw, drains SE.; ascend gradual NE
slope of spur.

51.20 Spur, 20 ft. above draw, projects SE.; descend gradual
SW. slope of spur.

57.50 Wash, 20 lks. wide, 4 ft. deep, drains SW.

59.00 Road, bears N.60°E. to Clark's ranch and Pahreah and
S.60°W. to Johnson and Kanab, Utah.

SUBDIVISION OF T. 43 S. 14 W.

Chains

en 1888

79.05

Intersect the N. bdy. of sec. 11.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in
the ground for the closing cor. of secs. 2 and 3,
with brass cap marked

C C	
T43S S3	R4W S2
S11	
1927	

From which

A juniper, 10 ins. diam., bears N. 40° E., 72 lks.

dist., marked T43S R4W S2 CC BT

A juniper, 24 ins. diam., bears N. 38° W., 52 lks.

dist., marked T 43 S R 4 W S 3 C C B T

From this cor., the cor. of secs. 10 and 11 heretofore
described, bears N. 89° 23' W., 86 lks. distant.

Land, broken S. talus slopes of the Vermillion Cliffs;
general S. exposure and drainage.

Soil, deep, blue clay and sandy loam mixed with sand-
stone rock; 4th. rate.

Undergrowth scattered shadscale, yellow top, sage,
service berry, black and bitter brush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

GENERAL DESCRIPTION, T. 43 S., R. 4 W.

Chains

The lands within the boundaries of this fractional township, in general, consist of the broken south breaks and talus slopes of the Vermillion Cliffs, which have a general southerly and southeasterly exposure and drainage. The portion of the fractional township on top of the Vermillion Cliffs is broken by deep gulches which drain in a northwesterly direction into Flood Canyon.

The soil consists of a shallow, rocky, sand and clay loam mixed with loose sandstone and may be classified as third and fourth rates.

The only water found in the surveyed portion of the fractional township was a few small seeps of good water along the bottom of Seaman Canyon in the northeast quarter of section 5.

A scattered and dense growth of juniper and pinon timber was found, which has no commercial value except for fire wood and fencing.

A road which can be traveled by auto, from Johnson and Kanab, Utah, enters the fractional township at south boundary section 17, and bears in a northeasterly direction to Clark's ranch and to the old town of Pahreah, Utah. This road however, can not be traveled by auto beyond Clark's ranch, which is located in sections 26 and 35, T. 42 S., R. 4 W.

No settlers were living in the township at the time of the survey, and the only improvements found were about 75 chains of fence in sections 5, 8, and 19.

Portions of the township at the base of the talus slopes of the Vermillion Cliffs could be dry farmed during some years.

The entire township is covered with a scattered undergrowth of native grass, yellow top, sage, oak, serviceberry, bitter, black, and rabbit brush, which affords

GENERAL DESCRIPTION, T. 43 S., R. 4 W.

Chains

English

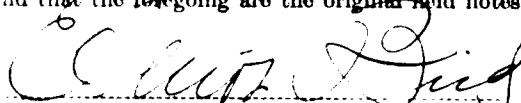
fair grazing for stock during all months of the year.
The township in general is used for a grazing range for
stock during the entire year.
No indications of coal, oil, oil shale, or mineral were
found on the township.
The magnetic declination was not taken.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 2d day of April, 1924, I have well, faithfully, and truthfully, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of dependent resurvey and survey of portion of the north boundary, establishment of one-quarter and section corners for Range 4 West on portion of the west boundary, in open and dependent resurvey, and survey of portion of the subdivision of T. 43 S. R. 4 W.

and Meridian in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor General for Utah in the specific manner described in the field notes, and that the foregoing are the original field notes of the survey.

Salt Lake City, Utah,
December 31, 1927.


U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Denver, Colorado. April 2 1924, 19

The foregoing field notes of the survey of dependent resurvey and survey of portion of the north boundary, establishment of one quarter section and section corners for Range 4 West on portion of the west boundary independent and dependent resurvey and survey of portion of the subdivision, of T. 43 S., R. 4 W.

Executed by Elliot Bird

under his special instructions dated April 2, 1924, 20, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved


Supervisor of Surveys.

~~I hereby certify that the foregoing transcript of the field notes of the above described surveys in~~
~~has been correctly copied from the original notes on file in this office.~~

U. S. Surveyor General

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BOOK A-497

FIELD NOTES

OF THE SURVEY OF THE

RECEIVED

FEB 18 1932
Department of The Interior
Public Survey Office
Salt Lake City, Utah

DEPENDENT RESURVEY OF THE EAST BOUNDARY; PORTIONS OF THE NORTH,
OUTH, AND WEST BOUNDARIES, AND SUBDIVISION; ESTABLISHMENT OF QUARTER
SECTION CORNERS ON THE EAST TWO MILES OF THE NORTH BOUNDARY; AND
SURVEY OF A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISION OF,

T. 38 S., R. 12 W.

Of the Salt Lake Base and Meridian,
the State of Utah

EXECUTED BY

Andrew Nelson, U.S. Cadastral Engineer,

~~the capacity of U. S. Surveyor~~, under Special Instructions dated February 29
28, issued by the District Cadastral Engineer to govern surveys included in Group
p. 183, which were approved by the Commissioner of the General Land
Office, April 27, 1928, and Assignment Instructions dated Aug. 4, 1930
supplemental assignment instructions dated May 13, 1931.

Survey commenced October 6, 1930. 19

Survey completed August 5, 1931. 19

BOOK A-497

INDEX DIAGRAM.

Township 38 South, Range 12 West

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Survey commenced October 6, 1930, and executed with Buff and Buff transit No. 9978. The instrument is equipt. with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated August 4, 1930.

To examine the adjustments of the instrument and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, I proceed as follows.

October 3, 1930: Stationed at a point about 10 chains W. of the closing cor. of secs. 1 and 2, T. 39 S., R. 13 W., Salt Lake Base and Meridian, Utah, in approximate latitude $37^{\circ}26'$ N., longitude $113^{\circ}16'$ W., I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	48° 40' 15"
Reduced latitude	37° 26' N.
Mean watch time of observation	12h 23m 40s
Watch fast of local mean time	0h 34m 31s

At 5h 24.1m p.m. local mean time, I make an hour angle observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal

deflection angle from a sharp point on a tree on the sky line north about 7 miles dist., east to Polaris.

Watch time of observation 5h 58.6m p.m.

Mean horizontal angle from reference point to Polaris, $1^{\circ} 13.7'$.

Azimuth of Polaris $1^{\circ} 14.7'$.

True bearing of reference point N. $0^{\circ} 01' 00''$ E.

October 4th: At the same station at 8h 0m a.m. apparent time, I set off $37^{\circ} 26'$ N., on the latitude arc; $4^{\circ} 12'S$, of the declination arc; and determine a meridian with the solar and find that the reference point bears N. $0^{\circ} 01'$ E.

At apparent noon, with the instrument in the meridian, and the latitude arc unchanged, I find the reading of the the declination arc to be $4^{\circ} 16' 30''$ S., which agrees with the computed declination of the sun.

At 4h 0m p.m. apparent time, with the latitude arc unchanged, I set off $4^{\circ} 20'$ S., on the declination arc; and determine a meridian with the solar and find that the reference point bears North.

As the meridians determined by solar observations agree within $1'$ of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on meridians determined by observations made on Polaris.

Work was suspended on this township, November 5, 1930, resumed June 23, 1931, same instrument being used.

I again test the instrument upon a meridian determined by observations made on Polaris as follows.

June 22, 1931: Stationed near the cor. of secs. 2 and 3, T. 38 S., R. 12 W., Salt Lake Base and Meridian, Utah, in approximate latitude $37^{\circ} 31'$ N., longitude $113^{\circ} 11'$ W., I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the

the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	75° 56' 00"
Reduced latitude	37° 31' N.
Mean watch time of observation	12h 29m 10s
Watch fast of local mean time	0h 27m 30s

At 5h 5.8m p.m. local mean time, I make an hour angle observation on Polaris W. of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag point about 15 chains N., W. to star.

Watch time of observation 5h 33.3m p.m.

Mean horizontal angle from reference point to star, 0°49'.

Azimuth of Polaris 0°48'24"

True bearing of reference point N. 0°00'36" E.

June 23rd: At the same station at 9h 00m a.m. apparent time, I set off 37°31' N., on the latitude arc; 23°26' N. on the declination arc; and determine a meridian with the solar, and find that the reference point bears N.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 23°26' N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time, with the latitude arc unchanged, I set off 23°26' N. on the declination arc, and determine a meridian with the solar, and find that the reference point bears N.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, and the lines were checked by numerous hour angle observations made on Polaris. Near the completion of the survey of this township, I make a final test of the instrument as follows.

August 5, 1931; with the instrument in the meridian established by observations made on Polaris June 22nd, heretofore described, at 8h 00m a.m. apparent time, I set off $37^{\circ}31'$ N., on the latitude arc; $17^{\circ}09'$ N., on the declination arc; and determine a meridian with the solar, and find that the reference point bears N. At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be $17^{\circ}06'$ N., which agrees with the computed declination of the sun.

At 4h 00m p.m. apparent time, with the latitude arc unchanged, I set off $17^{\circ}03'30''$ N., on the declination arc; and determine a meridian with the solar, and find that the reference point bears N.

As all the solar observations made during the usual hours of solar work, come within $1'$ of the true meridian, I conclude that the instrument is still in satisfactory adjustment.

MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes eight chains in length, compared with a Lufkin standard steel tape one chain in length and found correct. The measurements are made on the slope, the vertical angle determined with two large improved K and E. clinometers and the slope measurements properly reduced to true horizontal distances.

East boundary: A dependent resurvey was made of this boundary, and all missing cors. on the S. 2 miles that refer to T. 38 S., R. 11 W., were restored by single proportionate measurement. The SW. cor. of T. 38 S., R. 11 W., was restored by double proportionate measurement, from the original cor. of secs. 2, 3, 34, and 35, on the S. bdy. of T. 38 S., R. 11 W., and the original cor. of secs. 19, 24, 25, and 30, on the W. bdy. of T. 38 S., R. 11 W.

North boundary: A dependent resurvey was made of the north boundary of section 3, and all the original cors. of this boundary were found in place.

West boundary: A dependent resurvey was made of the N. two miles of this boundary and all the original cors. were found in place.

South boundary: The W. $1\frac{1}{2}$ miles of this boundary were originally surveyed and a dependent resurvey was made of the W. $\frac{1}{2}$ mile of the S. bdy. of sec. 32. The remainder of this boundary was run E. from the $\frac{1}{2}$ sec. cor. of secs. 5 and 32, to an intersection with the W. bdy. of T. 38 S., R. 11 W., where the closing cor. of Ts. 38 and 39 S., R. 12 W. was set. The fractional distances of this portion of the boundary, were placed in the E. half mile of the S. bdy. of sec. 32, and the W. half mile of the S. bdy. of sec. 33.

Subdivision: The W. portion of this township was originally subdivided by Joseph Gorlinski, U.S. Deputy Surveyor in 1870. A dependent resurvey was made of all lines of this survey, that form the boundaries of the new work. The township was subdivided from the S. to the N. and from the E. to W., and the fractional distances were placed against the original work. A sectional guide meridian was run from the cor. of secs. 35 and 36, on the S. bdy., North to an intersection with the N. bdy.

Chains

REESTABLISHMENT OF SURVEYS EXECUTED BY A.P. HANSEN,
U.S. DEPUTY SURVEYOR, IN 1899.

Random lines.

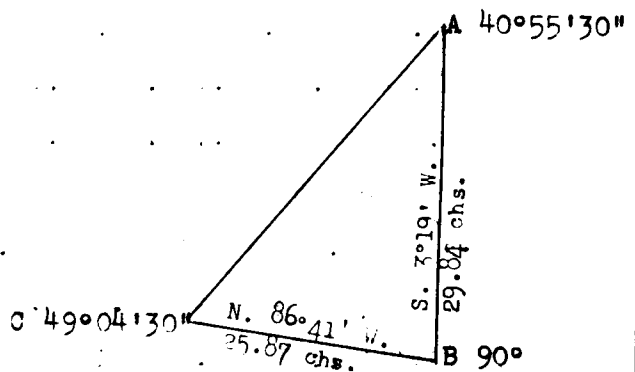
From the closing cor. of Ts. 37 and 38 S., R. 12 W.,
hereinafter described.

Note: None of the original cors. were found on the N.
260.34 chs. of this boundary. Diligent searches were
made for the original cors. at their record positions
on this line.

Thence:

S. $3^{\circ}19'$ W., along the E. bdy. of the township.

124.84 Deep box canyon to the S. of this point makes chaining
impracticable, I therefore determine the distance by
triangulation as follows. Erect flag A at this point
and flag B on line to the S. From B, survey base line
BC, N. $86^{\circ}41'$ W., 25.87 chs. dist. From C, AB subtends
an angle of $49^{\circ}04'30''$. All angles checked by repetition
and base line double chained. Vertical angle from A to
B is plus $7^{\circ}21'$.



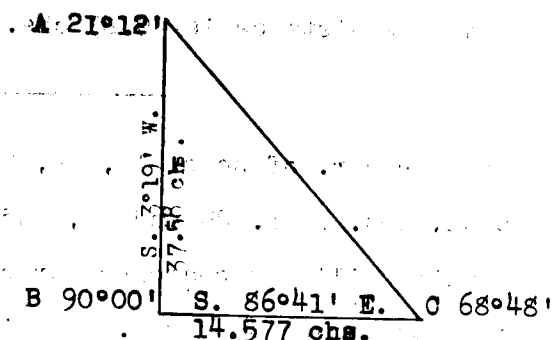
Distance on line	124.84 chs.
Distance by triangulation	29.84 chs.
Total distance on line	<u>154.68 chs.</u>
Distance by return measurement	111.90 chs.
	<u>142.78 chs.</u>

142.78 Leave flag point.

219.19 Leave flag point.

222.92 Deep box canyon S. of this point make chaining impractic-
able, I therefore determine the distance by triangulation
as follows. Erect flag A at the 219.19 chs. point, and
flag B on line to the S. From B, survey base line BC,
S. $86^{\circ}41'$ E., 14.577 chs. dist. From C, AB subtends an

Angle of 68°48' Vertical angle from A to B is plus 10°11'. All angles checked by repetition and base line double chained.



Distance on line	219.19 chs.
Distance by triangulation	37.58 chs.
Distance to point B	256.77 chs.

256.77 To point B. of triangulation.

260.34 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, hereinafter described.

The course of this line therefore is, S. 3°19' W., and the distance is 260.34 chs.

From the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18.

S. 0°11' E. to signal left at the original cor. of secs. 13, 18, 19, and 24.

39.80 Intersect the original cor. of secs. 13, 18, 19, and 24, hereinafter described.

The course of this half mile therefore is, S. 0°11' E., and the distance is 39.80 chs.

From the original cor. of secs. 13, 18, 19, and 24. South, bet. secs. 19 and 24.

40.01 Fall 24 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, hereinafter described.

The course of this half mile therefore is, S. 0°21' W., and the distance is 40.01 chs.

Offset to the $\frac{1}{4}$ sec. cor. and continue South, with new measurement.

Chains

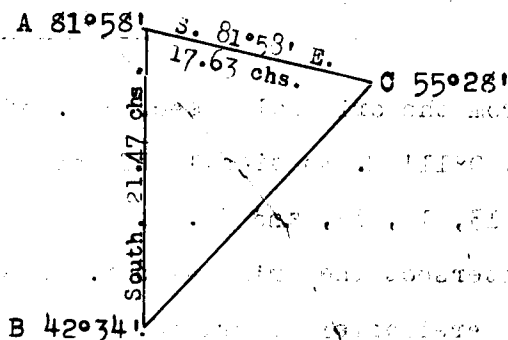
39.83 Fall 58 lka. E. of the original cor. of secs. 19, 24, 25, and 30, hereinafter described.

The course of this half mile therefore is, S. 81° 50' W., and the distance is 39.83 chs.

From the cor. of secs. 19, 24, 25, and 30.

South, bet. secs. 25 and 30, and bet. secs. 31 and 36, making diligent searches for cors.

17.90 Deep box canyon to the S. of this point makes chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B on line S. From A, survey base line AC, S. 81° 58' E. 17.63 chs. dist. From flag C, flag B subtends an angle of 55° 28' from A. Vertical angle from A to B is minus 7° 00'. All angles checked by repetition and base line double chained.



Distance on line	17.90 chs.
Distance by triangulation	21.47 chs.
Distance to point B	39.37 chs.

39.37 To point B. of triangulation.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor. Set temp point. Continue on same line with continuous measurement.

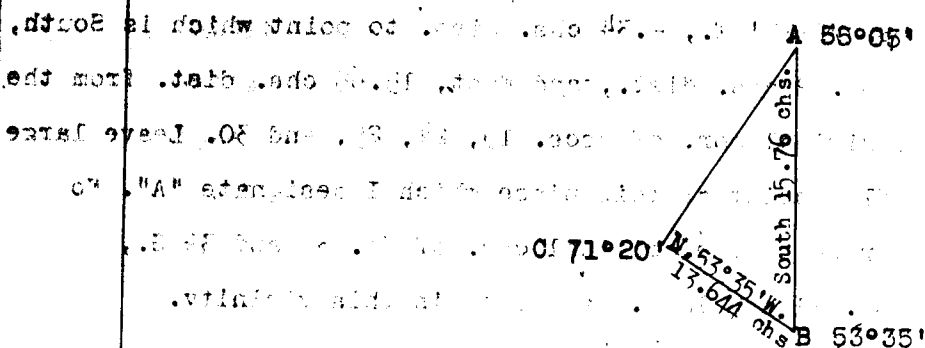
80.00 Find no trace of the original cor. of secs. 25, 30, 31, and 36. Set temp. point.

Continue on same line with continuous measurement.

80.27 Head of canyon with vertical walls make chaining to the S. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B on line to the S. From B,

Chaining

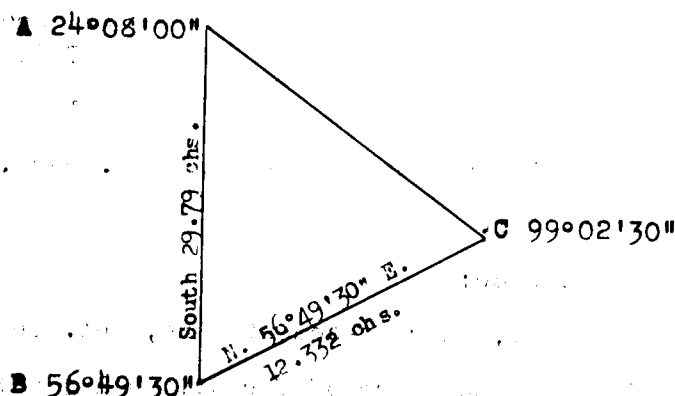
Survey base line BC, N. 53°35' E., 13.644 chs. dist.
 From C, A subtends an angle of 71°20' from B. From
 A to B, vertical angle is minus 3°. All angles checked
 by repetition and base line double chained.



Distance on line	80.27 chs.
Distance by triangulation	15.76 chs.
Distance to point B.	<u>96.03 chs.</u>

96.03 To point B of triangulation.

100.83 High vertical sandstone rims make chaining S. of this
 point impracticable, I therefore determine the distance
 by triangulation as follows. Erect flag A at this
 point and flag B on line S. From B, survey base line
 BC, N. 56°49'30" E., 12.332 chs. dist. From C, A
 subtends an angle of 99°02'30" from B. No vertical
 angle from A to B. All angles checked by repetition
 and base line double chained.



Distance on line	100.83 chs.
Distance by triangulation	29.79 chs.
Distance to point B.	<u>130.62 chs.</u>

130.62 To point B. of triangulation.

132.81 Leave point.

135.62 High vertical rim makes chaining S. of this point
 impracticable, I therefore determine the distance

Chains

and 180

... impracticable to continue on line, I there-
fore return to the 132.81 chs. point and run on
traverse line as follows.

S. 23°30' E., 28.88 chs. dist.; thence:

S. 72°15' E., 4.34 chs. dist. to point which is South,
160.62 chs. dist., and East, 15.65 chs. dist. from the
original cor. of secs. 19, 24, 25, and 30. Leave large
flag point at this place which I designate "A". No
trace of the original cor. of Ts. 38 and 39 S.,
Rs. 11 and 12 W. was found in this vicinity.

From the original cor. of secs. 2, 3, 34, and 35, on the
S. bdy. of T. 38 S., R. 11 W., which is a sandstone,
25 x 12 x 3 ins., set in small mound of stone, dimly
marked 2 notches on E. edge and 4 notches on W. edge.

At the cor. point:.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, with the original cor. monument alongside,
for cor. of secs. 2, 3, 34, and 35, with brass cap
marked

T38S	R11W
S34	S35
S3	S2
T39S	

1930

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of
cor.

Thence:

West, on retracement line, bet. secs. 3 and 34.

40.00 Find no trace of the original ¼ sec. cor.

Continue on same line with continuous measurement.

80.00 Find no trace of the original cor. of secs. 3, 4, 33,
and 34.

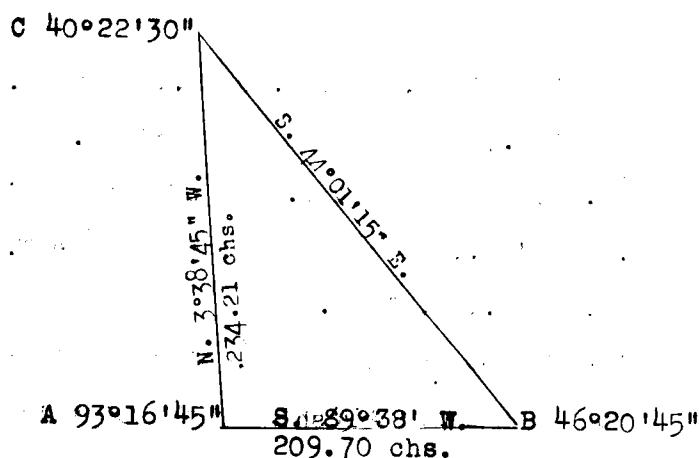
Continue on same line with continuous measurement.

95.80 Small depression at top of vertical sandstone rim which
makes chaining to the W. of this point impracticable,

Chains

I therefore offset as follows.

South, 0.45 chs. dist.; thence West, on offset line to
 96.80 Point on offset line, 45 lks. S. of true line. The line
 to the W. of this point passes over high vertical
 sandstone ledges and across deep canyons with vertical
 walls over which it is impracticable to chain, I there-
 fore determine the distance to the temp. cor. of
 Ts. 38 and 39 S., Rs. 11 and 12 W., by triangulation
 as follows. Erect flag B at this point. From B, the
 temp. township cor. which I designated as A, bears
 S. 89°40' W. From the temp. township cor., survey base
 line AC, N. 3°38'45" W., 234.21 chs. dist. From C,
 B bears S. 44°01'15" E. From B, C bears N. 44°01'15" W.
 All bearings checked from meridians determined by
 hour angle observations made on Polaris at stations
 C and B.



Distance on offset line	96.80 chs.
Distance by triangulation (S. 89°40' W.)	209.70 chs.
Distance to temp. township cor. or A	<u>306.50 chs.</u>

306.50 Intersect the temp. cor. of Ts. 38 and 39 S., Rs. 11 and 12 W.

At a point 62 lks. N. and 17 lks. E. of the temp. town-
 ship cor., I establish the SW. cor. of T. 38 S.,

R. 11 W., as hereinafter shown.

The course of the line from the original cor. of secs.

2, 3, 34, and 35, on the S. bdy. of T. 38 S., R. 11 W.

to the established SW. cor. of T. 38 S., R. 11 W.,

therefore is, S. 89°48' W., and the distance is

Chains

ended

306.33 chs.

The course of the line from the original cor. of secs. 19, 24, 25, and 30, on the W. bdy. of T. 38 S., R. 11 W. to the established SW. cor. of T. 38 S., R. 11 W., therefore is S. 5°39' E., and the distance is 160.78 chs.

True lines.

At the established point for the SW. cor. of T. 38 S., R. 11 W.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for the SW. cor. of T. 38 S., R. 11 W. only, with brass cap marked

T38S
R11W
S31

1930

from which:

A lone pinon, 24 ins. diam., bears N. 50° E., 15 lks. dist., marked T38S R11W S31 BT.

Cor. set on extreme S. end of Death Point. Thence:

N. 5°39' W., on true line, along the W. bdy. of sec. 31, T. 38 S., R. 11 W.

Line follows along the E. side of ridge on Death Point, through dense brush. Death Point is a high point of a mountain projecting S., and which has vertical sandstone walls approximately 800 ft. high.

37.18 Point for the closing cor. of Ts. 38 and 39 S., R. 12 W., hereinafter described. Point is on top of ridge on Death Point, 200 ft. above the SW. cor. of T. 38 S., R. 11 W., bears N. 20° E. and S. 20° W.; descend gradual NW. slope.

40.195 Proportionate point; on gradual NW. slope, 25 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31 only, with brass cap marked

DEPENDENT RESURVEY OF THE EAST BOUNDARY, SEC. 30, T. 33 S., R. 12 W.

Chains

antid

Undergrowth, oak, maple, service, manzanita, buck, and sage brush.

Timber, a few scattered fir, juniper and pinon, on N. portion of the mile along the rims.

Good grazing on tops of rims.

N. 5°39' W., along the W. bdy. of sec. 30, from true cor. Over abrupt S. face of inaccessible ledge.

0.25 Top of vertical sandstone rim, 800 ft. high, faces SE. and bears SW. and NE.

Thence ascend gradual SE. slope of Buck Pasture Point near E. edge, through scattered timber and very dense undergrowth.

0.52 On rocky SE. slope:

Set an iron post 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 30 and 31, T. 33 S., R. 11 W., with brass cap marked

T33S	T33S
S36	S30
R12W	R11W
	WC

1930

from which:

A pinon, 8 ins. diam., bears N. 29° E., 102 lks. dist., marked WC T33S R11W S30 BT.

A pinon, 18 ins. diam., bears S. 37°30' E., 23 lks. dist., marked WC T33S R11W S30 BT.

Along the S. edge of this cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 36, T. 33 S., R. 12 W., with brass cap marked

$\frac{1}{4}$ S36

WC

1930

from which:

W. S. SHERIDAN'S RESURVEY OF THE EAST BOUNDARY, T. 38 S., R. 12 W.

Chains

888' A pixon, 18" ins. diam., bears S. 44° 30' W., 93 lks. dist., marked WC $\frac{1}{4}$ S36 BT.

A pixon, 12" ins. diam., bears N. 88° W., 30 lks. dist., marked WC $\frac{1}{4}$ S36 BT.

The witness cor. to the cor. of secs. 30 and 31, therefore N. 18° N. 5° 39' W., 62 lks. dist. from its true position, and the witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 36, is N. 5° 39' W., 3.635 chs. dist. from its true position. From these 2 cors., a small spring of good water at top of E. rim of Buck Pasture Point, bears approximately N. 38° E., 12.00 chs. dist.

Continue over broken top of Buck Pasture Point; gradually ascend over general E. slope.

10:00 Shallow draw, drains S. 80° E.; continue gradual ascent over E. slope.

20:00 Top of low rise on E. slope, slopes SE. from the W.

30:00 Draw, drains S. 30° E. to small spring; ascend gradual SW. slope.

32:50 Old woven wire fence, bears N. 20° W. and S. 20° E.

37:18 Northing of 80.00 chs. from the point for the closing cor. of Ts. 38 and 39 S., R. 12 W.; on rocky W. slope, 300 ft. above the witness cors.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 25 and 36, T. 38 S., R. 12 W., with brass cap marked

T38S	T38S
S25	
S36	S30
R12W	R11W

1930

Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

No other suitable accessories available.

40:195 Proportionate measurement; on rocky W. slope, 35 ft. above the cor. of secs. 25 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF THE 36 SEC. 25 T. 33 S. R. 32 E. W. 12

Chains	
	the ground, for $\frac{1}{4}$ sec. cor. of sec. 30, with brass cap marked
	from which:
	A yellow pine, 6 ins. diam., bears N. $60^{\circ}30'$ E., 54 lks. dist., marked $\frac{1}{4}$ S30 BT.
	A yellow pine, 10 ins. diam., bears S. 31° E., 111 lks. dist., marked $\frac{1}{4}$ S30 BT.
	Cor. set on top of ridge, bears S. 85° E. and S. 80° W., and approximately 1.00 chs. dist. E. of fence bearing N. and S. in low saddle in ridge;
40.25	Trail, bears S. 80° E., and N. 80° W. to Buck Pasture Point. Descend abrupt N. slope through dense timber and undergrowth.
45.00	Approximate distance; top of vertical sandstone rim facing N., about 650 ft. high, E. and N. 80° W.; descend abruptly to canyon.
50.00	Approximate distance; bottom of Middle Fork Dry Canyon, 650 ft. deep, drains N. 80° W. and heads E., about 10.00 chs. dist.; ascend abruptly from canyon.
55.00	Approximate distance; top of N. rim of canyon, about 650 ft. above bottom, bears N. 80° W. and S. 80° E.; continue abrupt ascent over S. slope through scattered timber and dense undergrowth.
65.00	Leave all timber, bears E. and W.; continue through dense undergrowth.
72.00	Top of ridge, 350 ft. above last cor., bears NW. and S. 70° E.; descend gradual N. slope.
77.375	Northing of 40.00 chs. from the cor. secs. 25 and 36; on gradual N. slope, 20 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 25 only, with brass cap marked

W. SEPTENTRION RESERVE OF THE EAST BOUNDARY, T. 38 S., R. 12 W.

Chains

of 1000 ft. into 1/4 S25

return to scale 1/4 mile for 1930

Deposit of sandstone 8 x 6 x 4 ins., at base of post,

marked with a cross (X).

No other accessories available.

78.40 Leaves dense tall oak brush, and enter dense choke-cherry brush, bears E. and W.; thence across small depression on NE. slope, drains NE.

80.39 The original cor. of secs. 19, 24, 25, and 30, which is a sandstone, 18 x 14 x 5 ins., firmly set, plainly marked 2 notches on S. edge and 4 notches on N. edge.

At cor. point:

Set an iron post, 3 ft. long, .2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 19 and 30, T. 38 S., R. 11 W., with brass cap marked

T38S	T38S
S25	S19
	S30
R12W	R11W

1930

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Cor. set on gradual NE. slope in dense undergrowth, 75 ft. below ridge.

Land, rough and mountainous, broken by high vertical sandstone rims; general exposure and drainage, on S. portion is SE. into canyon which drains S. into

Le-Verkin Creek; central portion westerly into Middle Fork Dry Creek; north portion NE. into deep canyon.

Soil, shallow black mountain loam, and rocky of sandstone formation; 3rd rate.

Undergrowth; oak, service, manzanita, buck, bitter, maple choke-cherry, and sage brush.

Timber, fir, yellow pine, juniper, and pinon, along rims.

Good grazing on greater portion of mile.

DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 38 S., R. 12 W.

Chains											
	N. 0°50' E., along the W. bdy. of sec. 19. Descend gradually along rolling E. slope of broken mountainous land through dense choke-cherry brush.										
1.80	Leave choke-cherry brush and enter dense oak brush, bears NE. and SW.										
7.50	Head of shallow swale, 40 ft. below cor., drains E.; ascend gradually along rolling E. slope.										
13.50	Trail, bears NW. and SE.										
22.80	Top of ascent on NE. point of low spur, from SW., 25 ft. above head of swale; descend abrupt N. slope.										
30.00	Woven wire fence, bears N. 75° E., and S. 75° W. At this point is S. end of woven wire fence bearing N. Thence along fence line.										
33.70	Bottom of gulch, 160 ft. below point of spur, drains E.; ascend gradual S. slope.										
36.65	Dim road, bears NE. and S. 80° W.										
37.00	Northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. of sec. 25; on gradual S. slope, 75 ft. above gulch. Set an iron post, 3 ft. long, 2 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 24 and 25, T. 38 S., R. 12 W., with brass cap marked										
	<table> <tr> <td>T33S</td><td>T38S</td></tr> <tr> <td>S24</td><td></td></tr> <tr> <td></td><td>S19</td></tr> <tr> <td>S25</td><td></td></tr> <tr> <td>R12W</td><td>R11W</td></tr> </table>	T33S	T38S	S24			S19	S25		R12W	R11W
T33S	T38S										
S24											
	S19										
S25											
R12W	R11W										
	1930										
	Deposit a sandstone 10 x 6 x 6 ins., at base of post, marked with a cross (X).										
39.83	On gradual S. slope, 20 ft. above the cor. of secs. 24 and 25; the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a sandstone, 9 x 8 x 4 ins. above ground, firmly set, plainly marked $\frac{1}{4}$ on W. face. At cor. point. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 19 only, with brass cap marked										

W. S. DEPENDENT RESURVEY OF THE EAST BOUNDARY, T. 38 S., R. 12 W.

Chains

1930

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Thence:

N. 0°21' E., with continuous measurement, along fence
line bearing N. and S.

73.80 High ridge, 380 ft. above last cor., bears E. and S. 70°W.;
descend abrupt N. slope.

77.00 Northing of 40.00 chs. from the cor. of secs. 24 and 25;
on abrupt N. slope, 40 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to solid rock and in a mound of stone to top,
for ¼ sec. cor. sec. 24 only, with brass cap marked

¼ S24

1930

Deposit a volcanic rock, 6 x 6 x 6 ins., at base of post,
marked with a cross (X).

Continue along fence line bearing N. and S.

79.84 The original cor. of secs. 13, 18, 19, and 24, which is
a volcanic stone, 10 x 8 x 6 ins. above ground, firmly
set, marked 3 notches on N. and S. edges.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, with the original cor. monument alongside,
for cor. of secs. 18 and 19, T. 38 S., R. 11 W., with
brass cap marked

T38S T38S
S13 S18

S13 S19
R12W R11W

1930

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Cor. set at junction of fences bearing N., S., E., and W.

Land, broken and mountainous, with a general easterly
exposure and drainage.

Soil, shallow clay mountain loam and rock; sandstone
formation; 3rd rate.

Chains

marked

Undergrowth, sage, oak, service, choke-cherry, buck,
maple and bitter brush.

Timber, none. to corner of section.

Good grazing land.

section 13. bears

1890 N

N. 0°11' W., along the W. bdy. of sec. 18.

Along fence line; descend abrupt N. slope of mountainous
land, through dense undergrowth.

2.00 Enter medium dense aspen, bears NE. and SW.

2.30 From this point, Kumen William's house, bears West,
25.70 chs. dist. House is log and frame, contains two
rooms and is 26 1/2 ft. long N. and S. and 12 ft. wide.

12.00 Leave aspen timber, bears NE. and SW.

12.30 From this point, Wells William's house, bears West,
13.30 chs. dist. House is log and frame, contains two
rooms and is 33 ft. long, E. and W. and 15 ft. wide.

19.30 End of fence from the W. with N. and S. fence.

22.30 Wagon road, bears NE. and SW.

30.20 Stream of good water, 1 lk. wide, 4 ins. deep, in bottom
of shallow draw, 325 ft. below cor., flows NE.; ascend
gradually along E. slope.

37.16 Northing of 30.00 chs. from the cor. of secs. 24 and 25.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 13 and 24, T. 38 S.,
R. 12 W., with brass cap marked

T358	T359
813	
	S16
824	
R12W	R11W

1930

Raise a mound of stone, 2 ft. base, 1 1/4 ft. high, W. of cor.

38.50 Top of ascent on gradual E. slope, 70 ft. above stream;
the original 1/4 sec. cor. of secs. 13 and 18, which is
a sandstone, 18 x 13 x 4 ins. above ground, firmly set,
marked 1/4 on W. face, witnessed by a mound of stone to
the W. of the cor. monument.

1930

SECTION 13, T. 38 S., R. 12 W.

CHAIN

- At the cor. point:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap marked
- 1930
- Move the mound of stone from the W. to the E. side of the cor. monument.
- Cor. set in fence line bearing N. and S.
- Thence, N. $3^{\circ}19'$ E., with continuous measurement.
- 43.37 Top of upper rim of canyon, bears N. 70° W. and S. 70° E.; enter medium dense fir timber, bears with rim. Descend abrupt N. slope. N. end of fence from S. at this point.
- 48.60 Approximate distance; top of vertical rim, 400 ft. high, bears N. 70° W. and S. 70° E.
- 55.00 Approximate distance; bottom of Camp Creek Canyon, 600 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° W.; ascend abrupt N. rim of canyon. Leave timber, bears with canyon.
- 65.00 Approximate distance; top of red sandstone rim, 400 ft. high, bears N. 70° W. and S. 70° E.; continue abrupt ascent over S. slope.
- 77.225 Northing of 40.00 chs. from the cor. of secs. 13 and 24; on abrupt S. slope, 550 ft. above canyon.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap marked
- $\frac{1}{4}$ S13
- 1930
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 92.60 Top of upper rim of canyon, 400 ft. above the $\frac{1}{4}$ sec. cor., bears N. 70° W. and S. 70° E.; thence ascend gradual S. slope.
- 102.20 Woven wire fence, bears E., and W., about 3.00 chs. dist., thence N.

DEPENDENT RESURVEY OF THE EAST BOUNDARY T. 38 S., R. 12 W.

Chains 116.00 Top of high ridge, 250 ft. above the ~~1 sec. cor.~~ of sec. 12, bears E. and W.; descend gradual N. slope.

117.29 Northing of 80.00 chs. from the cor. of secs. 13 and 24, on gradual N. slope, 10 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 12 and 13, T. 38 S., R. 12 W., with brass cap marked

T38S	T38S
S12	S18
S13	
R12W	R11W

1930

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken and mountainous, with a general northerly and southerly exposure and westerly drainage.
Soil, shallow black mountain loam; rocky of sand and limestone formations.
Undergrowth, sage, oak, buck, service, maple, and choke-cherry brush.
Timber, aspen on S. portion of mile and a few scattered juniper and pinon on rims.
Good grazing land.

N. 3°19' E., along the E. bdy. of sec. 12.
Descend gradual N. slope of broken mountainous land, through dense undergrowth.

22.95 Woven wire fence, bears E. and W.
28.17 Grey limestone rim, 10 ft. high, bears E. and SW.; descend abrupt N. slope.
37.405 On small bench, 500 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ~~1~~ sec. cor. of sec. 12 only, with brass cap marked

WO
1/4 S12

1930

.N SPERMANT RESURVEY OF THE EAST BOUNDARY, T. 38 S., R. 12 W.

Chains

- 40.065 True point for the $\frac{1}{4}$ sec. cor. of sec. 12 falls on abrupt N. slope, where it is impracticable to set cor.
- 41.19 Record dist. no cc. to secs. 7-18, T. 38 S., R. 11 W. found or restored.
- 45.00 Approximate distance; top of rim on S. side of Spring Creek Canyon, 500 ft. high and 300 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., bears E. and W.
- 47.00 Approximate distance; bottom of Spring Creek Canyon, 600 ft. deep, drains W.
- 52.00 Approximate distance; top of vertical N. rim of canyon, 600 ft. above bottom, bears E. and W. Enter dense timber and scattered undergrowth, bears with rim. Ascend abrupt S. slope.
- 66.60 Depression on S. slope, drains S. 30° E.; continue abrupt ascent over S. slope.
- 79.00 Top of abrupt ascent on S. slope, bears E. and W.; ascend gradually over rolling top of mountain, with a general easterly exposure.
- 80.13 On rolling top of mountain, 620 ft. above N. rim of canyon. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12, T. 38 S., R. 12 W., with brass cap marked

T38S	T38S
S1	R11W
S12	S. 7
R12W	

1930

from which:

A pinon, 14 ins. diam., bears S. 62° W., 57 lks.
dist., marked T38S R12W S12 BT.

A pinon, 8 ins. diam., bears N. 29° W., 30 lks.
dist., marked T38S R12W S1 BT.

Land, broken and mountainous, with a general northerly and southerly exposure and drainage into Spring Creek Canyon, which drains W.

Soil, shallow black mountain loam and rock; sandstone formation; 3rd rate.

Undergrowth, sage, oak, maple, service, choke-cherry, and buck brush.

Chains	
	Timber, juniper and pinon on portions of mile
	Good grazing land.
	N. $3^{\circ}19'$ E., along the E. bdy. of sec. 1.
	Ascend gradual E. slope of rolling mountain top through dense timber and scattered undergrowth.
9.50	Small draw at head, drains E.
17.00	Top of rise on E. slope, 75 ft. above cor., bears E. and W.; descend gradual rolling NE. slope.
31.90	Shallow draw, 65 ft. below rise, drains NE., 4.00 chs. dist., thence E.; ascend gradually along E. slope across head of swale.
40.065	Northing of 40.00 chs. from the cor. of secs. 1 and 12, on gradual E. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked
	$\frac{1}{4}$ S1
	1930
	from which:
	A pinon, 6 ins. diam., bears S. $32^{\circ}15'$ W., 122 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A juniper, 10 ins. diam., bears N. 39° W., 218 lks. dist., marked $\frac{1}{4}$ S1 BT.
40.83	Record dist. no cc. to secs. 6, 7, T. 38 S., R. 11 W. found or restored
41.00	Timber becomes scattered and undergrowth dense, bears E. and W.
56.75	Low spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects SE. from the SW.; descend abrupt N. slope.
63.00	Shallow draw, 85 ft. below spur, drains S. 80° E.; ascend gradually along rolling E. slope.
64.70	Trail, bears E., and W. to Kanarraville, Utah.
79.00	Shallow swale near head, drains E.
80.13	Northing of 80.00 chs. from the cor. of secs. 1 and 12, on gradual E. slope, 50 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T38S	R12W
S31	S32

86	85
T39S	

1930

No other accessories available.

Thence:

East, on true line, bet. secs. 5 and 32.

Ascend gradually over nearly level valley, through dense short undergrowth.

- 3.50 Wash, 15 lks. wide, 13 ft. deep, drains S. 60° W.
- 10.40 Abandoned telephone line, bears N. and S.
- 11.90 Wash, 7 lks. wide, 10 ft. deep, drains S.
- 19.98 Telephone line, (Bell System), bears N. 11°15' E. and S. 11°15' W.
- 26.70 Old fence line, bears N. and S.
- 26.80 Old highway along E. side of valley, bears N. 15° E. and S. 15° W.
- 29.00 Enter medium dense juniper and pinon timber, bears N. and S.
- 36.00 East edge of valley and base of mountainous land, bears N. and S.; ascend gradually over rocky W. slope.
- 40.00 No evidence of the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32 found.
- On gradual rocky W. slope, 185 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 5 and 32, with brass cap marked

832
$\frac{1}{4}$
85

1931

from which:

W S. DEPENDENT RESURVEY OF SOUTH BOUNDARY, T. 38 S., R. 12 W.

Chains

A juniper, 6 ins. diam., bears N. 47° E., 22 lks.

dist., marked $\frac{1}{4}$ S32, BT.

A juniper, 6 ins. diam., bears S. 58° E., 32 lks.

dist., marked $\frac{1}{4}$ S5 BT.

Land, nearly level valley on W. 36.00 chs., E. 4.00 chs.

is mountainous with a westerly exposure and drainage.

Soil, deep grey clay on W. 36.00 chs.; rocky and of limestone formation remainder of mile; 2nd to 4th rates.

Undergrowth, sage, and greasewood.

Timber, juniper and pinon on E. 4.00 chs.

Good grazing land.

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 38 S., R. 12 W
REESTABLISHMENT OF SURVEYS EXECUTED BY JOSEPH GORLINSKI,
U.S. DEPUTY SURVEYOR, IN 1870.

From the cor. of secs. 3, 4, 33, and 34, on the N. bdy.
of the township, hereinafter described.

East, on random line, bet. secs. 3 and 34.

39.57 Fall 23 lks. N. of the point for the $\frac{1}{4}$ sec. cor. of secs.
3 and 34, hereinafter described.

The course of this half mile therefore is, S. 89°40' E.,
and the distance is 39.57 chs.

From the point for the $\frac{1}{4}$ sec. cor., East, with continuous
measurement.

80.44 Fall 3 lks. S. of the original cor. of secs. 2, 3, 34,
and 35, which is an iron post, 3 ins. diam., extending
6 inches above ground, set, marked, and witnessed as
described in the official records of the survey of
T. 37 S., R. 12 W.

The course of this half mile therefore is, N. 89°57' E.,
and the distance is 40.87 chs.

From this cor., the chimney on S. end of house, bears
S. 31°35' W., 47.60 chs. dist.

The center of large barn, bears S. 35°03' W. 47.80 chs.

The SW. cor. of school house in Kanarraville, bears
N. 9°32' E., about 60.00 chs. dist.

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 38 S., R. 12 W.

Chains

cont'd

Thence:

From the cor. of secs. 2, 3, 34, and 35.

S. 89°57' W., on true line, bet. secs. 3 and 34.

Descend abrupt W. slope of mountainous land, through scattered timber and undergrowth.

4.40 Base of mountainous land and leave timber, 200 ft. below cor., bears N. and S.; thence over gradual W. slope of nearly level valley.

15.60 Old highway on E. side of valley, bears N. 15° W. and S. 15° E.

16.10 Barbed wire fence, bears with road; thence through cultivated land.

31.90 Woven wire fence, bears S. 34° W. and N. 34° E.

32.90 U.S. Highway No. 91, bears N. 34° E. to Salt Lake City, and S. 34° W. to California. Town of Kanarraville, bears North, about $\frac{1}{2}$ mile dist.

33.70 Barbed wire fence, bears with road; continue across cultivated land.

36.50 Old road, bears NE. and SW.

36.90 Fence and old phone line, bears NE. and SW.

40.87 Point at the NE. cor. of fence line bearing S. and W., which point is reported by land owners and county surveyor, as being the point for the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, (cor. monument missing).

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34, with brass cap marked

$\frac{1}{4}$ 834

83

1931

Deposit the glass from a qt. bottle at the base of post.

No other accessories available.

Thence:

N. 89°40' W., with continuous measurement.

42.60 Irrigation ditch, 5 lks. wide, 1 ft. deep, drains S.

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 38 S., R. 12 W.

- 42.70 Enter dense willows and cottonwood timber.
- 49.90 Barbed wire fence, bears S. 85° E., and N. 70° W.
- 54.00 Leave willows and cottonwood, bears NE. and SW.; thence through cultivated land.
- 58.70 Ten wire telephone line, (Bell System) bears S. 1°08' E. about 2.00 chs., thence SW., from N. 1°08' W.
- 73.80 SE. cor. of barbed wire fence, bears W. and N. 10° E.; thence along fence line.
- 80.44 The original cor. of secs. 3, 4, 33, and 34, which is a sandstone, 17 x 12 x 3 ins. above ground, firmly set, marked 3 notches on E. and W. edges.
- At cor. point, in E. and W. fence line, 340 ft. below cor. of secs. 2, 3, 34, and 35.
- Set an iron post, 3 ft. long; 2 ins. diam., 30 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T37S	R12W
S33	S34
S4	S3
T38S	

1930

No accessories available.

Land, mountain on E. portion of mile, nearly level valley on W. portion.

Soil, shallow clay and rock on mountainous land, sand and clay loams on valley land; 2nd and 3rd rates.

Undergrowth, sage, greasewood, and rabbit brush.

Timber, cottonwood, juniper, and pinon.

Good grazing land.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 38 S., R. 12 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY PRICE AND BIRD, U.S. TRANSITMAN, IN 1918.

From the original cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the township, which is a granite, 16 x 10 x 8 ins., firmly set, marked 2 notches on N. edge and 4

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 14 S. R. 12 W.

Chains

notches on S. edge. Cor. is unwitnessed.
At the cor. point.
Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

T388	
R13W	R12W
S12	S7
S13	S18

1931

from which:

A juniper, 24 ins. diam., bears N. $71^{\circ}45'$ E., 26 lks. dist., marked T388 R12W S7 BT.

A juniper, 15 ins. diam., bears S. $37^{\circ}45'$ E., 27 lks. dist., marked T388 R12W S18 BT.

A juniper, 12 ins. diam., bears S. $36^{\circ}15'$ W., 63 lks. dist., marked T388 R13W S13 BT.

A juniper, 12 ins. diam., bears N. 31° W., 47 lks. dist., marked T388 R13W S12 BT.

Thence:

N. $0^{\circ}14'$ E., (record course) on true line, along the W. bdy. sec. 7.

Note: No change in the topography on this line, with that given in the resurvey by Price and Bird was found.

5.49 Intersect the cor. of secs. 7, 12, 13, and 18, which was established by Julien Bausman, in 1869, and which is a granite stone, 18 x 9 x 4 ins., loosely set, marked 4 notches on S. edge and 2 notches on N. edge, and witnessed by 3 bearing trees. I efface the marks on the bearing trees and destroy all evidence of the cor. monument.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 7 only, with brass cap marked

T388	
R13W	R12W
S12	S7
S13	S18

1931

W. 31 DEPENDENT RESURVEY OF WEST BOUNDARY, T. 38 S., R. 12 W.

Chains

from which:
 A juniper, 10 ins. diam., bears S. 28°30' E., 10 lks.
 dist., marked $\frac{1}{4}$ S7 BT.
 A scrub juniper, 6 ins. diam., bears N. 23° E., 18 lks.
 dist., marked BT.

43.80 Intersect the restored $\frac{1}{4}$ sec. cor. of sec. 7 and which is
 also the witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 12.
 Cor. is an iron post, extending 12 ins. above ground,
 with brass cap marked.

$\frac{1}{4}$
 812 | 87
 1918

from which:
 A juniper, 8 ins. diam., bears S. 61°45' E., 25 lks.
 dist., marked $\frac{1}{4}$ S7 BT.
 A juniper, 10 ins. diam., bears S. 89° W., 61 lks.
 dist., marked $\frac{1}{4}$ S12 BT.

As this cor. now refers only to the witness cor. to the
 $\frac{1}{4}$ sec. cor. of sec. 12, I efface the marks on the cor.
 monument and bearing trees that refer to sec. 7, and
 mark the cor. monument WC on the W. side of the brass
 cap.

79.39 Intersect the original cor. of secs. 1 and 12, T. 38 S.,
 R. 13 W., which is an iron post, 2 ins. diam., set,
 marked and witnessed as described in the official
 records of the survey of T. 38 S., R. 13 W.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the
 ground, for cor. of secs. 6 and 7, T. 38 S., R. 12 W.,
 with brass cap marked

R13W
 S1 | T38S
 86
 87
 R12W

1931

from which:
 A juniper, 12 ins. diam., bears N. 4°45' E., 145 lks.
 dist., marked T38S R12W S6 BT.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 38 S., R. 12 W.

Chains

301520

A juniper, 12 ins. diam., bears S. $42^{\circ}45'$ E., 98 lks. dist., marked T38S R12W S7 BT.

N. $0^{\circ}14'$ E., along the W. bdy. of sec. 6.

Note: The topography on this line was found to agree with that given in the resurvey by Price and Bird.

7.93 The restored cor. of secs. 6 and 7, T. 38 S., R. 12 W., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official records of the resurvey of this boundary.

I efface the marks on the bearing trees and the iron post that refer to secs. ^{6 and} 7, and change same to an angle point by marking AP on the corner monument and the bearing tree in sec. 6.

30.31 Intersect the $\frac{1}{4}$ sec. cor. of sec. 1, T. 38 S., R. 13 W., which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records of the resurvey of this boundary.

43.69 Southing of 52.64 chs. dist. from the cor. of Ts. 37 and 38 S., Rs. 12 and 13 W. Set an iron post 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 6, T. 38 S., R. 12 W., with brass cap marked

86
1931

from which:

A juniper, 4 ins. diam., bears N. $60^{\circ}15'$ E., 87 lks. dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 3 ins. diam., bears S. $46^{\circ}30'$ E., 56 lks. dist., marked $\frac{1}{4}$ S6 BT.

61.93 The restored $\frac{1}{4}$ sec. cor. of sec. 6 as set by Price and Bird, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records of the resurvey of this boundary. I change this cor. to an angle point by marking the cor. monument and bearing tree AP.

DEPENDENT RESURVEY OF THE WEST BOUNDARY, T. 38 S., R. 12 W.

Chains

26.33 The cor. of Ts. 37 and 38 S., Rs. 12 and 13 W., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records of the survey of T. 37 S., R. 12 W.

DEPENDENT RESURVEY OF SUBDIVISION, T. 38 S., R. 12 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY JOSEPH GORLINSKI, U.S. DEPUTY SURVEYOR, IN 1870.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, heretofore described,

North, on random line, bet. secs. 31 and 32.

40.38 Fall 104³/₄ lks. W. of the original ¹/₄ sec. cor., hereinafter described.

The course of this half mile therefore is, N. 0°09' E., and the distance is 40.38 chs.

From the ¹/₄ sec. cor., North, with continuous measurement.

80.80 Fall 15 lks. E. of the original cor. of secs. 29, 30, 31, and 32, hereinafter described.

The course of this half mile therefore is, N. 0°13' W., and the distance is 40.42 chs.

Thence:

From the cor. of secs. 5, 6, 31, and 32.

N. 0°09' E., on true line, bet. secs. 31 and 32.

Ascend gradually over nearly level valley, through dense undergrowth.

0.30 Wash, 15 lks. wide, 8 ft. deep, drains S. 30° W.

17.00 Wash, 15 lks. wide, 8 ft. deep, drains S. 30° W.

25.70 Large wash, 50 lks. wide, 10 ft. deep, drains S. 10° W.

29.70 Electric power line, bears N. 18°42' E. and S. 18°42' W.

40.38 The original ¹/₄ sec. cor. of secs. 31 and 32, which is a sandstone, 12 x 9 x 5 ins., lying on ground, marked ¹/₄ on one face. Cor. has no accessories.

At the cor. point, on nearly level valley land, 75 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains

ended 0

the ground, with the original cor. monument alongside,
for $\frac{1}{4}$ sec. cor. of secs. 31 and 32, with brass cap mark

S31 | S32

1930

No accessories available.

Thence;

N. $0^{\circ}13'$ W., with continuous measurement.

65.80 Large dry, wash, 40 lks. wide, 5 ft. deep, drains S. 10° W.

67.90 Fence, bears N. $26^{\circ}30'$ E. and S. $26^{\circ}30'$ W.

69.10 U.S. Highway No. 91, bears S. $26^{\circ}30'$ W., and N. $26^{\circ}30'$ E.,
about 5.00 chs. dist., thence northeasterly.

80.80 The original cor. of secs. 29, 30, 31, and 32, which is a
sandstone, 12 x 8 x 8 ins., firmly set, plainly marked
5 notches on E. edge and 1 notch on S. edge. Cor. has
no accessories.

At the cor. point, 70 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, with the original cor. monument alongside,
for cor. of secs. 29, 30, 31, and 32, with brass cap
marked

T38S	R12W
S30	S29
S31	S32

1930

Cor. set in fence line, bears E. and W.

From this cor., a blinker beacon light on the Salt Lake
Apex Division Airways Service of the Department of
Commerce, bears S. $19^{\circ}04'$ E., 5.26 chs. dist.

Land, nearly level valley, with a general southerly
exposure and drainage.

Soil, deep, clay, sand, and gravelly loams; 3rd rate.

Undergrowth; sagebrush.

No timber.

Good grazing land.

Chains

East, on random line, bet. secs. 29 and 32.

40.22 Fall $3\frac{1}{2}$ lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 29 and 32, hereinafter described.

The course of this half mile therefore is, S. $89^{\circ}57'$ E., and the distance is 40.22 chs.

Thence:

From the cor. of secs. 29, 30, 31, and 32.

S. $89^{\circ}57'$ E., on true line, bet. secs. 29 and 32.

Over nearly level valley through dense undergrowth.

5.80 Junction of fence from W. with fence bearing NE. and SW. bears N., 10 lks. dist.

6.80 U.S. Highway No. 91, bears N. $40^{\circ}30'$ E., and S. $40^{\circ}30'$ W. about 2.00 chs. dist., thence S. $26^{\circ}30'$ W.

7.20 Fence, bears with road.

13.00 Wash., 30 lks. wide, 4 ft. deep, drains S. 30° W. from N. 30° E.

16.35 Electric power line, bears N. $18^{\circ}30'$ E. and S. $18^{\circ}30'$ W.

37.20 Telephone line (Bell System), bears N. $11\frac{1}{4}^{\circ}$ E. and S. $11\frac{1}{4}^{\circ}$ W.

40.22 The original $\frac{1}{4}$ sec. cor. of secs. 29 and 32, which is a conglomerate stone, 15 x 8 x 6 ins., firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, .3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., of secs. 29 and 32, with brass cap marked

$$\frac{1}{4} \frac{329}{832}$$

1931

No suitable accessories available.

Cor. set in fence line, bearing N. and S.

Land, nearly level valley.

Soil, clay, sand, and gravelly loams; 2nd rate.

Undergrowth, sagebrush.

No timber.

Good grazing land.

Chains	
	From the cor. of secs. 29, 30, 31, and 32.
	North, on random line, bet. secs. 29 and 30.
40.00	Find no trace of the original $\frac{1}{4}$ sec. cor. of secs. 29 and 30.
	Continue on same line, with continuous measurement.
81.83	Fall 30 lks. E. of the original cor. of secs. 19, 20, 29 and 30, hereinafter described.
	The course of this mile therefore is, N 0° 13' W., and the proportionate distance for each half mile is
	40.915 chs.
	Thence:
	From the cor. of secs. 29, 30, 31, and 32.
	N. 0° 13' W., on true line, bet. secs. 29 and 30.
	Over nearly level valley, through dense undergrowth.
40.915	Proportionate measurement, on level ground.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. of secs.
	29 and 30, with brass cap marked
	$\frac{1}{4}$ S30 | S29 1930
	Deposit the glass of a qt. bottle at the base of post.
	No other accessories available.
45.00	Bend in old road, bears SW. from the E.
54.60	Woven wire fence and old telephone line, bears E. and W.
57.80	Large main wash, 100 lks. wide, 6 ft. deep, drains S. 80° W.
81.10	Large wash, 70 lks. wide, 8 ft. deep, drains SW.
81.83	The original cor. of secs. 19, 20, 29, and 30, which is a sandstone, 18 x 12 x 8 ins., all of which is buried in the ground, plainly marked 5 notches on E. edge and 2 notches on S. edge. Cor. has no accessories.
	At the cor. point.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

Chains

T38S R12W

819 820

830 829

1930

From this cor., the cor. of fences bearing N. 84°12' E., and N. 89°39' W., bears N. 8°15' E., 21 lks. dist.

Sam Pollock's house, bears S. 71°45' E.

An old building, bears S. 69°15' E.

Beacon light on the Salt Lake Apex Division Airways Service, of the Department of Commerce, bears N. 43° E., about 1/2 mile dist.

Land, nearly level.

Soil, deep clay, sand, and gravelly loams; 2nd rate.

Undergrowth, sage and oak brush.

No timber.

Good grazing land.

East, on random line, bet. secs. 20 and 29.

40.46 Fall 24 lks. N. of the point for the 1/4 sec. cor. of secs. 20 and 29, hereinafter described.

The course of this half mile therefore is, S. 89°39' E., and the distance is 40.46 chs.

Thence:

From the cor. of secs. 19, 20, 29, and 30.

S. 89°39' E., on true line, bet. secs. 20 and 29.

Ascend gradual W. slope of nearly level valley, through dense undergrowth.

0.90 Wash, 40 lks. wide, 20 ft. deep, drains S. 50° W.

1.00 Fence bears N. 89° 39' W. and S. 89°39' E.; thence along fence line.

27.83 Junction of fence from the S. with E. and W. fence.

32.00 Din old road, bears N. and S.

36.96 The center of the S. side of old building, bears N.,

30 lks. dist.

37.70 Junction of fence from the N. with E. and W. fence; fence

Chains

aniano

bears N., 3.00 chs. dist., thence E.

39.16 The center of the S. side of old small building, bears N., 1.00 chs. dist.

40.46 Point for the original $\frac{1}{4}$ sec. cor. of secs. 20 and 29 at the junction of fence from the W. with fence bearing N. and S. Cor. monument missing. Land owners in this vicinity informed me that at the time these fences were erected, the corner monument was in place, I therefore use this position as the true cor. point.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. of secs. 20 and 29, with brass cap marked

$$\begin{array}{r} 820 \\ \frac{1}{4} \\ \hline 829 \end{array}$$

1931

From this cor., Sam Pollock's house, bears S. $21^{\circ}45'$ E.,

An old building, bears N. 60° W.

An old building, bears N. 87° W.

Beacon light on the Salt Lake Apex Division Airways

Service of the Department of Commerce, bears N. 20° W.

Land, nearly level valley.

Soil, deep clay, sand, and gravelly loams; 3rd rate.

Undergrowth, sage and rabbit brush.

No timber.

Good grazing land.

From the cor. of secs. 19, 20, 29, and 30, North, on random line, bears secs. 19 and 20

40.00 Find no trace of the original $\frac{1}{4}$ sec. corner

82.74 Fall 50 lks. W. of the original cor. of secs. 17, 18, 19, and 20, hereinafter described

The course of this mile therefore is N. $0^{\circ}21'$ E., and the proportionate distance for each half mile is 41.37 chs.

07.58

Chains

Thence;

From the cor. of secs. 19, 20, 29, and 30.

N. 0°21' E., on true line, bet. secs. 19 and 20.

Over nearly level valley through dense undergrowth.

0.20

Intersect cor. of fences, bearing N. 34°12' E.,

S. 89°30' E., N. 89°39' W., thence,

across emergency landing field of the Salt Lake Apex

Airways Service of the Department of Commerce.

38.80

Fence at W. bdy. of landing field, bears N. 44°19' E.

and S. 44°19' W.

40.00

Cor. of fences bearing N. and E.

41.37

Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for restored $\frac{1}{4}$ sec. cor. of secs. 19 and 20, with brass cap marked

$\frac{1}{4}$
 S19 | S20
 1931

From this cor., beacon light bears S. 89°13' E.

Sam Pollock's house, bears S. 39°09' E.

Cor. set in fence line, bearing N. and S.; thence along fence line.

44.60

Small stream of good water, .8 lks. wide, 2 ins. deep, in wash, 100 lks. wide, 6 ft. deep, flows SW.

72.50

Intersect the junction of a pole fence from the E. with fence bearing N. and S.

82.30

Intersect the cor. of fences bearing S. and E.; thence along main highway from Kanarraville to New Harmony, Utah.

82.74

The original cor. of secs. 17, 18, 19, and 20, which is a sandstone, 18 x 12 x 4 ins., buried under the surface of the ground, plainly marked 3 notches on S. edge and 5 notches on E. edge.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 2 ins.

under the surface of the ground, with the original

and

cor. monument alongside, for cor. of secs. 17, 18, 19,

Chains

ended

and 20, with brass cap marked

T38S	R12W.
S18	S17
S19	S20

1930

Cor. set near center of the main highway from Kanarraville to New Harmony, Utah, bears E. and W.

From cor., the cor. of fences bearing N. and E., bears N., 56 lks. dist., and the cor. of fences bearing S. and E., bears S., 44 lks. dist.

Land, nearly level valley.

Soil, deep clay, sand, and gravelly loams; 2nd rate.

Undergrowth, sage, oak, and rabbit brush.

No timber.

Good grazing land.

East, on random line, bet. secs. 17 and 20.

40.20 Fall 2 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 17 and 20, hereinafter described.

The course of this half mile therefore is, S. $89^{\circ}58'$ E., and the distance is 40.20 chs.

From the $\frac{1}{4}$ sec. cor., East, with continuous measurement.

30.94 Fall 41 lks. N. of the original cor. of secs. 16, 17, 20, and 21, hereinafter described.

The course of this half mile therefore is, S. $89^{\circ}25'$ E., and the distance is 40.74 chs.

Thence:

From the cor. of secs. 17, 18, 19, and 20.

S. $89^{\circ}58'$ E., on true line, bet. secs. 17 and 20.

Along center of main highway from Kanarraville to New Harmony, Utah, which bears easterly and westerly.

17.90 Large wash, 2.00 chs. wide, 8 ft. deep, drains S.

23.50 Leave highway, bears S. $89^{\circ}30'$ E. and N. $89^{\circ}30'$ W.; thence along fence line on N. side of highway.

30.70 Large wash, 60 lks. wide, 15 ft. deep, drains S. Bridge

Outline

across wash on highway, bears S., 50 lks. dist.

40.20 The original ~~corner~~ of secs. 17 and 20, which is a sandstone, 10 x 8 x 7 ins., lying on ground, plainly marked on bottom face. Cor. is at the junction of fence from the W. with fence bearing N.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. secs. 17 and 20, with brass cap marked

S17

S20

1930

No suitable accessories available.

Thence, S. $89^{\circ}25'$ E., with continuous measurement.

60.20 Electric power line, bears N. $9^{\circ}30'$ E. and S. $9^{\circ}30'$ W.

71.30 Old road, bears N. and S.

72.00 Phone line, (Bell System), bears N. 9° E. and S. 9° W.

74.30 U.S. Highway No. 91, bears N. $12^{\circ}45'$ E. and S. $12^{\circ}45'$ W.

Junction of highway to New Harmony with U.S. Highway No. 91, bears S., 50 lks. dist.

80.94 The original cor. of secs. 16, 17, 20, and 21, which is conglomerate stone, 16 x 16 x 4 ins., extending 8 ins. above ground, firmly set, plainly marked 4 notches on SE. edge. No other markings found on stone.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 17 and 20 only, with brass cap marked

T38S R12W

S17

S20

S16

1930

Land, nearly level valley.

Soil, deep clay, sand, and gravelly loams; 2nd rate.

Undergrowth, greasewood, sage, and rabbit brush.

Chains

25120

No timber.

Good grazing land.

OS.04

From the cor. of secs. 17 and 20,

South, on true line, along the E. bay. of sec. 20.

Along base of mountainous land, through medium dense

timber and scattered undergrowth; ascend gradual W. slope

4.95 Point for the closing cor. of secs. 16 and 21.

24.50 Base of mountainous land, bears N. 10° E. and S. 10° W.;

ascend gradually over broken W. slope.

24.40 Low sharp spur, projects W.

30.50 Mouth of gulch, 30 lks. wide, 15 ft. deep, drains SW.

from the NE.

22.00 On abrupt NW. slope, 190 ft. above cor. of secs. 17, and

20, record course and distance, find no trace of the

original $\frac{1}{4}$ sec. cor. of secs. 20 and 21.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

the ground, for $\frac{1}{4}$ sec. cor. of sec. 20 only, with brass

cap marked

$\frac{1}{4}$ S20

1931

from which:

A juniper, 9 ins. diam., bears S. 41°30' W., 30 lks.

dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 9 ins. diam., bears N. 21°30' W., 40 lks.

dist., marked $\frac{1}{4}$ S20 BT.

Land, N. portion rolling base of mountains, S. portion,

broken and mountainous. General westerly exposure and

drainage.

Soil, north portion, clay and sand loams, south portion,

clay and sandstone; 2nd and 3rd rates.

Undergrowth, sage, service, buck, and bitter brush.

Timber, juniper and pinon.

Fair grazing land.

Chains

From the cor. of secs. 17 and 20.

North, on random line, bet. secs. 16 and 17.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor. of secs. 16 and 17. Continue on same line with continuous measurement.

51.62 Fall 2 lks. W. of the original cor. of secs. 8, 9, 16, and 17.

The course of this mile therefore is, N. $0^{\circ}01'$ E., and the proportionate distance for each half mile is 40.81 chs.

Thence;

From the cor. of secs. 17 and 20.

N. $0^{\circ}01'$ E., bet. secs. 16 and 17.

Over rolling land facing W., along E. side of valley, through scattered timber and undergrowth.

20.00 Top of low rise on W. slope, 45 ft. above cor., bears E. and W.; descend gradually along W. slope.

22.60 Wash, 30 lks. wide, 5 ft. deep, at mouth of draw from the E., drains NW. Leave timber, bears NE. and SW.

29.00 U.S. Highway No. 91, bears N. $12^{\circ}45'$ E. and S. $12^{\circ}45'$ W.

33.30 Old highway, bears NE. and S. 20° W.

35.04 Northing of 40.00 chs. from the closing cor. of secs. 16 and 21; on general W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap marked

$\frac{1}{4}$ S16

1931

from which:

A juniper, 10 ins. diam., bears S. $88^{\circ}30'$ E., 320 lks. dist., marked $\frac{1}{4}$ S16 BT.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

From this cor., blinker light of the Salt Lake Apex Division, Airway Service, Department of Commerce,

Chains

amian20

bears N. $8^{\circ}35'$ W.Bridges on highway at curve, bears N. $51^{\circ}15'$ E., 2.50 chs.

dist. on line 00.04

39.70 Wash, 50 lks. wide, 20 ft. deep, drains SW.

40.81 Proportionate measurement; on level valley land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

the ground, for the restored $\frac{1}{4}$ sec. cor. of sec. 17

only, with brass cap marked

 $\frac{1}{4}$ S17

1930

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.45.70 Telephone line (Bell System), bears N. $30^{\circ}30'$ E., andS. $30^{\circ}30'$ W., about 3.00 chs. dist., thence southwest

53.90 Wash, 50 lks. wide, 10 ft. deep, drains SW.

61.80 Woven wire fence, bears E. and W.

79.80 Wash, 10 lks. wide, 8 ft. deep, drains S. 20° W.81.62 The original cor. of secs. 8, 9, 16, and 17, which is
a sandstone, 8 x 6 x 3 ins. above ground, firmly set,
marked 4 notches on S. and E. edges. Cor. has no
accessories.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, with the original cor. monument alongside,
with brass cap marked

T38S, R12W

S8 S9

S17 S16

1930

Cor. set in fence line, bears E. and W.

From this cor., blinker beacon on the Salt Lake Apex

Division, Airway Service of the Department of Commerce,

bears S. $11^{\circ}00'$ W.Land, rolling E. side of valley, general exposure and
drainage, W.Soil, deep clay, sand, and gravelly loams; sandstone
formation; 3rd rate.

Chains

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon on S. portion of mile.

Good grazing land.

East, on random line, bet. secs. 9 and 16.

40.73 Fall 14 lks. S. of the original $\frac{1}{4}$ sec. cor. of secs. 9 and 16.

The course of this half mile therefore is, N. $89^{\circ}48'$ E., and the distance is 40.73 chs.

Thence, from the cor. of secs. 8, 9, 16, and 17.

N. $89^{\circ}48'$ E., on true line, bet. secs. 9 and 16.

Over gradual W. and SW. slopes of nearly level valley, through scattered undergrowth. Line follows along fence which bears E. and W.

0.50 Wash, 10 lks. wide, 2 ft. deep, drains S. 10° W.

10:90 Cor. of fence which bears N. and W.

13.90 Wash, 120 lks. wide, 18 ft. deep, drains S.

16.80 Wash, 10 lks. wide, 20 ft. deep, drains S. 10° W.

18.80 Wash, 15 lks. wide, 20 ft. deep, drains S. 15° W.

21.05 Telephon line, (Bell System), bears N. $30^{\circ}30'$ E. and S. $30^{\circ}30'$ W.

23.70 U.S. Highway No. 91, bears N. $30^{\circ}30'$ E. and S. $30^{\circ}30'$ W.

40.73 The original $\frac{1}{4}$ sec. cor. of secs. 9 and 16, which is a sandstone, $9 \times 7 \times 5$ ins., lying on the ground, plainly marked $\frac{1}{4}$ on top face.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of sec. 9 only, with brass cap marked

$\frac{1}{4}$ 89

1930

No accessories available.

Land, nearly level valley, with a general westerly and southwesterly exposure and drainage.

Chains

ended

Soil, deep clay, sand, and gravelly loams; sandstone formation; 3rd rate. Undergrowth, sage, oak, buck, service, and bitter brush. No timber. Good grazing land.

From the cor. of secs. 8, 9, 16, and 17.

North, bet. secs. 8 and 9, on random line.

40.35 Fall 5 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 8 and 9, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}04'$ E., and the distance is 40.35 chs.

From the $\frac{1}{4}$ sec. cor., North, with continuous measurement.

31.54 Fall 18 lks. W. of the original cor. of secs. 4, 5, 8, and 9, hereinafter described.

The course of this half mile therefore is N. $0^{\circ}15'$ E., and the distance is 40.69 chs.

Thence, from the cor. of secs. 8, 9, 16, and 17.

N. $0^{\circ}04'$ E., on true line, bet. secs. 8 and 9.

Over nearly level valley, through scattered undergrowth.

3.50 Wash, 20 lks. wide, 6 ft. deep, drains S. 60° W.

20.34 Barbed wire fence, bears N. 60° E. and S. 60° W.

26.35 Electric power line, bears N. $7^{\circ}18'$ E., and S. $7^{\circ}18'$ W. about 2.00 chs. dist., thence S. $17^{\circ}37'$ W.

40.85 The original $\frac{1}{4}$ sec. cor. of secs. 8 and 9, which is a broken piece of sandstone, $9 \times 9 \times 8$ ins., lying on ground, plainly marked $\frac{1}{4}$ on top face.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of secs. 8 and 9, with brass cap marked

$\frac{1}{4}$
ss | s9

1930

Chains

- 41.06 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 54.20 Enter dense growth of oak brush, bears E. and W.
 56.50 Wash, 20 lks. wide, 2 ft. deep, drains SW.
 58.75 Leave dense growth of oak brush, bears E. and W.; thence across boggy meadow land, and main drainage of the valley, drains SW.
 60.54 Cor. of fence, bears E. and N.; thence along fence line.
 61.54 The original cor. of secs. 4, 5, 8, and 9, which is a sandstone, 10 x 6 x 4 ins., firmly set, with dim traces of notches on E. and S. edges.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T38S	R12W
S5	S4
S8	S9

1930

No accessories available.

Cor. set at junction of fences which bears E., S., and S. 80° W.

Land, nearly level valley, with a general southwesterly exposure and drainage.

Soil, deep, clay, sand, and gravelly loams; 2nd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

No timber.

Good grazing land.

East, on random line, bet. secs. 4 and 9.

- 41.06 Fall 4 lks. S. of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 9, hereinafter described.

The course of this half mile therefore is N. 89°57' E.,

and the distance is 41.06 chs.

From the $\frac{1}{4}$ sec. cor., East, with continuous measurement.

DEPENDENT RESURVEY OF SUBDIVISION, T. 35S., R. 12 W.

Chains

enishd0

31.77 Intersect the point for the cor. of secs. 3, 4, 8, 9, and 10 hereinafter described.

The course of this half mile therefore is East, and the distance is 40.71 chs.

Thence:

From the cor. of secs. 4, 5, 8, and 9, N. 89°57' E., on true-line, bet. secs. 4 and 9.

Over boggy meadow land, along fence line.

4.40 Leave boggy meadow land, bears N. and S., also irrigation ditch, 5 lks. wide, 1 ft. deep, drains S. Thence over nearly level valley land through scattered undergrowth.

7.00 Electric power line, bears N. 7°18' E. and S. 7°18' W.

20.36 Fence, bears N. and S.

37.09 Wash, 10 lks. wide, 5 ft. deep, drains S. 20° W.

41.06 The original $\frac{1}{4}$ sec. cor. of secs. 4 and 9, with is a red sandstone, 14 x 9 x 8 ins. above ground, firmly set, plainly marked $\frac{1}{4}$ on N. face. Cor. set in fence line bearing E. and W.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the round, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of secs. 4 and 9, with brass cap marked

$$\begin{array}{r} S4 \\ \frac{1}{4} \\ S9 \\ \hline 1930 \end{array}$$

No accessories available.

Thence; East, with continuous measurement. Continue along fence line.

61.50 Wash, 10 lks. wide, 5 ft. deep, drains SW.

63.10 Telephone line (Bell System), bears N. 30° E. and S. 30° W.

69.35 Junction of fence from the W. with fence bearing N. 30° E. and S. 30° W.

70.70 U.S. Highway No. 91, bears N. 30° E. and S. 30° W.

71.50 Woven wire fence, bears N. 30° E. and S. 30° W.

80.00 Wash, 1.50 chs. wide, 5 ft. deep, drains S. 60° W. from

Chains

the E. thence along bottom of wash
 51.77 Point for the cor. of secs. 3, 4, 9, and 10, cor. stone
 missing - cor. point is in line with fence bearing N.
 and S. and is also on line with the end of fence

bearing N. I was informed by local land owners in this
 vicinity that the cor. monument was at this point at
 the time the fences were erected but had been removed
 by floods, I therefore use this point for the true
 point for the cor. of secs. 3, 4, 9, and 10. As the
 true point for cor. falls in bottom of wash where it
 is impracticable to set a permanent cor., therefore
 at a point 50 lks. S. of the true cor. point:
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 the ground, for witness cor. to the cor. of secs.
 3, 4, 9, and 10, with brass cap marked.

W	C
T338	R12W
84	83
89	810

1931

Raise a mound of stone, 2 ft. base, 1¹/₂ ft. high, N. of
 cor.

Land, nearly level valley, with a general westerly
 exposure and drainage.

Soil, deep clay, sand, and gravelly loams; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

No timber.

Good grazing land. Nearly all land under cultivation.

From the true point for the cor. of secs. 3, 4, 9, and 10.

South, on true line, bet. secs. 9 and 10.

Along fence line through cultivated land.

0.50 The witness cor. to the cor. of secs. 3, 4, 9, and 10.

7.22 Cor. of fence of corral, bears N. and S., and SW., 2.00 chs.
 dist., thence S.

INDEPENDENT RESURVEY OF SUBDIVISION, T. 38 S., R. 12 W.

Chains

From the true point for the cor. of secs. 3, 4, 9, and 10, which is N. 50 lks. dist. from the witness cor. to the cor. of said secs.

East, on true line, bet. secs. 3 and 10.

Ascend gradual W. slope of nearly level valley, through scattered undergrowth.

4.50 Wash, 100 lks. wide, 8 ft. deep, drains SW.

26.10 Barbed wire fence, bears N. 10° E. and S. 10° W.

26.80 Old highway, bears N. 15° E. and S. 15° W. Leave valley and ascend abrupt W. slope of mountainous land, through medium dense timber, bears with highway.

29.40 Begin abrupt ascent over nearly vertical limestone outcroppings, bears N. and S.

40.00 Record course and distance, find no trace of the original $\frac{1}{4}$ sec. cor. of secs. 3 and 10.

On abrupt W. slope, 635 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. of secs. 3 and 10, with brass cap marked

S3
—
S10
1931

from which:

A pinon, 10 ins. diam., bears N. 84° E., 26 lks. dist., marked $\frac{1}{4}$ S3 BT.

A juniper, 12 ins. diam., bears S. 3° E., 59 lks. dist., marked $\frac{1}{4}$ S10 BT.

From this cor., bridge across wash on US. Highway No. 91, bears S. 88° W.

A barn, bears S. 80°45' W., about $\frac{1}{2}$ mile dist.

Old house, bears S. 78°20' W., about $\frac{1}{2}$ mile dist.

Bridge across Camp Creek on U.S. Highway No. 91, bears S. 64° W.

Land, W. portion nearly level valley; E. portion broken and mountainous; general westerly exposure and drainage.

DEPENDENT RESURVEY OF SUBDIVISION, T. 18 S. R. 12 W.

Chains	Meters
	<p>Soil, W. portion deep clay, sand, and gravelly loams; E. portion rocky rim ledges of limestone formation; 2nd and 4th rates. Undergrowth, sage, oak, service, buck, and bitter brush. Timber, juniper and pinon on E. portion of half mile. Good grazing land.</p>
	<p>From the true point for the cor. of secs. 3, 4, 9, and 10, which is N., 50 lks. dist. from the witness cor. to the cor. of said secs.</p>
	<p>North, on random line bet. secs. 3 and 4.</p>
40.91	<p>Fall 2 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 3 and 4, hereinafter described.</p>
	<p>The course of this half mile therefore is, N. 0°02' E., and the distance is 40.91 chs.</p>
	<p>From the $\frac{1}{4}$ sec. cor., North, with continuous measurement.</p>
94.55	<p>Fall 3 lks. W. of the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township, heretofore described.</p>
	<p>The course of this half mile therefore is, N. 0°02' E. and the distance is 53.64 chs.</p>
	<p>Thence, from the true point for cor. of secs. 3, 4, 9, and 10 N. 0°02' E., on true line, bet. secs. 3 and 4.</p>
	<p>Gradually ascend over nearly level valley land, through cultivated land, along both sides of N. and S. fence line.</p>
17.75	<p>Junction of fence from the S. with fence parallel with highway, bears N. 30° E. and S. 30° W.</p>
19.25	<p>U.S. Highway No. 91, bears N. 30° E. and S. 30° W.</p>
20.85	<p>Junction of fence from the N. with fence parallel with highway, thence along fence line.</p>
22.00	<p>Wash, 30 lks. wide, 4 ft. deep, drains W.</p>
23.37	<p>Telephone line (Bell System), bears N. 30° E. and S. 30° W.</p>
40.91	<p>The original $\frac{1}{4}$ sec. cor. of secs. 3 and 4, which is a sandstone, 8 x 8 x 3 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face.</p>

Chains

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of secs. 3 and 4, with brass cap marked

1930
S4 | S3

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Cor. set at junction of fence from the E. with N. and S. fence.

Continue along fence line; leave cultivated land and enter short undergrowth, bears E. and W.

57.95 Leave fence line, bears NE. from the S.

59.00 Wash, 20 lks. wide, 6 ft. deep, drains W. from Spring Creek Canyon.

61.35 Private telephone line, bears E. and W.

74.00 Center of clump of dense oak brush, about 2.00 chs. in diam.

74.50 Enter cultivated land, bears E. and W.

94.55 The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township, heretofore described.

Land, nearly level valley.

Soil, deep clay, sand, and gravelly loams; 3rd rate.

Undergrowth, sage, oak, service, buck and bitter brush.

No timber.

Good grazing land, nearly all of which is being cultivated.

From the cor. of secs. 4, 5, 8, and 9, heretofore described.

West, on random line, bet. secs. 5 and 8.

40.65 Fall 11 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, hereinafter described.

The course of this half mile therefore is, S. 89°51' W., and the distance is 40.65 chs.

Chains

anlsd0

Thence:

From the cor. of secs. 4, 5, 8, and 9.

S. $89^{\circ}51'$ W., on true line, bet. secs. 5 and 8.

Ascend gradually over nearly level valley land, through scattered undergrowth.

11.35 Old road, bears N. 30° E. to Manarraville, and S. 30° W. to New Harmony. Leave valley and ascend gradually

over E. slope of rolling hills, through scattered timber

14.10 Old abandoned telephone line, bears S. 10° W. and N. 10° E.

24.60 Spur, 185 ft. above cor., projects S.; descend abrupt SE. slope.

27.30 Draw, near head, drains S., 40 ft. below spur; ascend gradual SE. slope.

32.50 Low spur, 90 ft. above head of draw, projects S. 20° W.; descend abrupt W. slope.34.20 Wash, 40 lks. wide, 10 ft. deep, in draw, 90 ft. below spur, drains S. 10° W.40.10 Wash, 20 lks. wide, 4 ft. deep, in draw, drains S. 10° E.40.65 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, which is a granite stone, 16 x 14 x 9 ins., loosely set in small mound of stone, plainly marked $\frac{1}{4}$ on N. face.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of secs. 5 and 8, with brass cap marked

$$\frac{85}{88}$$

1931

from which:

A juniper, 20 ins. diam., bears N. $60^{\circ}18'$ E., 36 lks. dist., marked $\frac{1}{4}$ 85 BT.A juniper, 24 ins. diam., bears S. $64^{\circ}08'$ W., 30 lks. dist., marked $\frac{1}{4}$ 88 BT.

Land, E. portion, rolling valley; W. portion, rolling and mountainous.

Soil, clay, sand, and gravelly loams; 3rd rate.

Chains

Undergrowth, Sage, service, live oak, and bitter brush.
timber, juniper and pinon on W. portion of mile.
Good grazing land.

From the cor. of secs. 4, 5, 8, and 9.

North, on random line, bet. secs. 4 and 5.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor. of secs. 4 and

5.
Continue on same line with continuous measurement.

94.98 Fall 22 lks. W. of the original cor. of secs. 4, 5, 32,
and 33, on the N. bdy. of the township, hereinafter
described.

The course of this line therefore is N. $0^{\circ}08'$ E., and
the proportionate distance for the S. half mile is
41.01 chs., and the proportionate distance of the N.
half mile is 53.97 chs.

Thence:

From the cor. of secs. 4, 5, 8, and 9.

N. $0^{\circ}08'$ E., on true line, bet. secs. 4 and 5.

Across cultivated land in nearly level valley.

10.70 Leave cultivated land and enter rolling foot hills, and
scattered timber, and dense undergrowth, bears NE. and
SW.

15.80 Begin gradual ascent over rolling SE. slope.

24.25 Old highway from Kanarraville to New Harmony, bears
N. 30° E. and SW.

27.40 Telephone line (abandoned), bears NE. and SW.

40.10 Wash, 20 lks. wide, 1 ft. deep, drains N. 70° E.

41.01 Proportionate point, on general E. slope, 70 ft. above
sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for the restored $\frac{1}{4}$ sec. cor. of secs. 4
and 5, with brass cap marked

Chains

A juniper, 10 ins. diam., bears N. $31^{\circ}15'$ E., 57 lks. dist., marked $\frac{1}{4}$ 84 BT.

A juniper, 10 ins. diam., bears N. $66^{\circ}30'$ E., 19 lks. dist., marked $\frac{1}{4}$ 85 BT.

42.70 Wash, 30 lks. wide, 5 ft. deep, drains S. 70° E., about $\frac{1}{4}$ mile dist. to main wash which drains S.

57.50 Low spur, projects SE., 4.00 lks. dist. to main wash.

63.90 Wash, 30 lks. wide, 1 ft. deep, drains S. 70° E., about $\frac{1}{4}$ mile dist. to main wash which drains S.

77.10 Small draw, drains S. 70° E., about $\frac{1}{4}$ mile dist. to main wash which drains S.; ascend abrupt S. slope.

79.50 Top of abrupt ascent, bears E. and W.; thence ascend gradually along E. slope.

86.70 Small draw, drains S. 70° E., about $\frac{1}{4}$ mile distant to main wash which drains S.; ascend abrupt S. slope.

93.90 Top of abrupt ascent, bears E. and W.; thence along E. slope.

94.98 The original cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the township, which is a sandstone, 14 x 12 x 8 ins., loosely set, plainly marked 2 notches on W. edge and 4 notches on E. edge. Cor. situated on gradual E. slope, 235 ft. above the $\frac{1}{4}$ sec. cor.

From which:

A juniper, 12 ins. diam., bears N. $39^{\circ}30'$ E., 41 lks. dist., marked T378 R12W S33 BT.

A juniper, 20 ins. diam., bears S. $64^{\circ}15'$ W., 58 lks. dist., marked T388 R12W S4 BT.

A juniper, 12 ins. diam., bears S. $61^{\circ}30'$ W., 49 lks. dist., marked T388 R12W S5 BT.

Reset the sec. monument 10 ins. in the ground, and

reset a small rough of stone monument.

No suitable bearing tree available, in sec. 32.

Land, rolling foot hills, with a general, easterly exposure and drainage.

Soil, rocky and gravelly; 3rd rate.

Chains

Undergrowth; sage, oak, service, and bitter brush.

Timber, juniper and pinon.

Good grazing land.

From the cor. of secs. 17, 18, 19, and 20, heretofore described.

North, on random line, bet. secs. 17 and 18.

40.68 Fall 2 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 17 and 18, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}02'$ E., and the distance is 40.68 chs.

From the $\frac{1}{4}$ sec. cor., North, with continuous measurement.

81.02 Fall 74 lks. E. of the original cor. of secs. 17, 18, and 19, hereinafter described.

The course of this half mile therefore is, N. $1^{\circ}03'$ W., and the distance is 40.35 chs.

Thence:

From the cor. of secs. 17, 18, 19, and 20.

N. $0^{\circ}02'$ E., on true line, bet. secs. 17 and 18.

Over nearly level valley through dense undergrowth.

0.56 Intersect cor. of fence, bears N. from the E.; thence along fence line.

14.00 Undergrowth becomes scattered, bears E. and W.; ascend gradual S. slope.

40.68 The original $\frac{1}{4}$ sec. cor. of secs. 17 and 18, which is a sandstone, 14 x 10 x 6, ins., firmly set in corner of fence line which bears S. and E. Cor. dimly marked $\frac{1}{4}$ on W. face.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. of secs. 17 and 18, with brass cap marked

DEPENDENT RESURVEY OF SUBDIVISION, T. 38S. R. 12W.

Chains

Section 0

Deposit the glass from a qt. bottle at base of post.

No other suitable accessories available. read

Thence, N. 1°03' W., with continuous measurement.

49.00 Enter dense juniper and pinon timber, bears E. and W.

53.90 Old highway from Kanarraville to New Harmony, bears
N. 35° E. and S. 10° W.

51.03 The original cor. of secs. 7, 8, 17, and 18, which is a
granite stone, 15 x 10 x 8 ins., firmly set, plainly
marked 4 notches on S. edge and 5 notches on E. edge.
Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, with the original cor. monument alongside,
for the cor. of secs. 7, 8, 17, and 18, with brass cap
marked

T38S	R12W
S7	S8
S18	S17
1931	

from which:

A juniper, 20 ins. diam., bears N. 83°30' E., 118 lks.
dist., marked T38S R12W S8 BT.

A juniper, 16 ins. diam., bears S. 7°30' E., 180 lks.
dist., marked T38S R12W S17 BT.

A juniper, 10 ins. diam., bears S. 87°30' W., 161 lks.
dist., marked T38S R12W S18 BT.

A juniper, 16 ins. diam., bears N. 61°30' W., 101 lks.
dist., marked T38S R12W S7 BT.

Land, rolling, with a general southerly exposure and
drainage.

Soil, deep sandy loam on S. portion; shallow gravelly
loam on N. portion; 2nd and 3rd rates.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon on N. portion of mile.

Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 38 S., R. 12 W.

Chains

East, on random line, bet. secs. 8 and 17.

41.29 Fall 14 lks. S. of the original $\frac{1}{4}$ sec. cor. of secs. 8 and 17, hereinafter described.

The course of this half mile therefore is N. $89^{\circ}43'$ E., and the distance is 41.29 chs.

From the $\frac{1}{4}$ sec. cor., East, with continuous measurement.

81.52 Fall 4 lks. S. of the cor. of secs. 8, 9, 16, and 17, heretofore described.

The course of this half mile therefore is N. $89^{\circ}57'$ E., and the distance is 40.23 chs.

Thence:

S. $89^{\circ}57'$ W., on true line, bet. secs. 8 and 17.

Over rolling valley, through dense undergrowth. Line follows along fence bearing E. and W.

6.83 Electric power line, bears N. $17^{\circ}37'$ E. and S. $17^{\circ}37'$ W.

11.13 Wash, 150 lks. wide, 12 ft. deep, drains S. 20° W.

17.30 Wash, 75 lks. wide, 7 ft. deep, drains S. 20° W.

33.30 Wash, 75 lks. wide, 8 ft. deep, drains S. 30° W.

36.07 The NE. corner of a corral, bears S., about 4.00 chs. dist.

37.33 The NW. corner of corral, bears S., about 4.00 chs. dist.

40.23 The original $\frac{1}{4}$ sec. cor. of secs. 8 and 17, which is a granite stone, 20 x 9 x 3 ins., firmly set, plainly marked $\frac{1}{4}$ on N. face. Cor. is in good state of preservation and set in fence lines bearing N. and S., and E. and W.

I erect a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of the cor. monument.

Thence:

S. $89^{\circ}48'$ W., with continuous measurement.

40.35 Road, bears N. and S.

50.00 Enter scattered timber, bears N. and S.

54.50 Timber becomes dense; bears N. and S.

64.80 Old highway from Kanarraville to New Harmony, bears N. and S. and end of fence from E.

DEPENDENT RESURVEY OF SECTION 7, TOWNSHIP 10 N., RANGE 10 E., COUNTY OF KANE, ARIZONA

Onains	
73.60	Wash, 60 lks. wide, 4 ft. deep, drains S. 30° E. to cor.
81.52	The cor. of secs. 7, 8, 17, and 18. 41 1157 23.14
	Land, rolling, with a general southerly exposure and drainage.
	Soil, clay, sand, and gravelly loams; 3rd rate.
	Undergrowth, sage, oak, service, buck, and bitter brush.
	Timber, juniper and pinon on W. portion of mile. 38.18
	Good grazing land.
	West, on random line bet. secs. 7 and 18.
39.45	Fall 72 lks. S. of the original $\frac{1}{2}$ sec. cor. of secs. 7 and 18, hereinafter described.
	The course of this half mile therefore is N. 88°57' W., and the distance is 39.46 chs.
	From the $\frac{1}{2}$ sec. cor., West, with continuous measurement.
79.09	Fall 103 lks. S. of the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the township, heretofore described.
	The course of this half mile therefore is N. 85°31' W., and the distance is 39.65 chs.
	Thence:
	From the cor. of secs. 7, 8, 17, and 18. 41 1157 23.14
	N. 88°57' W., on true line, bet. secs. 7 and 18.
	Ascend gradual SE. slope rolling land, through dense timber and undergrowth.
9.75	Old highway from Kanarraville to New Harmony, bears N. 50° E. and S. 50° W.
1.80	Old abandoned telephone line, bears N. 60° E. and S. 60° W.
22.60	Top of gradual ascent on S. slope, 50 ft. above cor., bears N. and S.; descend gradual SW. slope.
33.90	Wash, 20 lks. wide, 3 ft. deep, in draw, 25 ft. below top of ascent, drains S. 10° E.; ascend gradual SE. slope.
31.60	Low spur, 30 ft. above wash, projects S. 20° E.; continue over rolling SE. slope.
39.45	On rolling SE. slope, the original $\frac{1}{2}$ sec. cor. of secs.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for 1/4 sec. cor. of secs. 7 and 18, with brass cap marked 1/4 87 S18.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside,

for 1/4 sec. cor. of secs. 7 and 18, with brass cap marked 1/4 87 S18.

1/4 87
S18

1931

from which:

A juniper, 7 ins. diam., bears S. 73°45' E., 20 lks. dist., marked 1/4 S18BT.

A juniper, 6 ins. diam., bears N. 71°30' W., 33 lks. dist., marked 1/4 S17 BT.

Thence:

N. 88°31' W., with continuous measurement.

42.20 Wash, 30 lks. wide, 3 ft. deep, drains SE.

46.75 Wood road, bears N. and S.;

55.60 Top of ascent on S. slope, 80 ft. above the 1/4 sec. cor., bears N. and S.; descend gradual SW. slope.

61.70 Wash, 70 lks. wide, 4 ft. deep, 20 ft. below top of ascent, drains S. 20° E.; ascend gradual SE. slope.

76.90 Top of ascent on S. slope, 40 ft. above wash, bears N. and S.; descend gradual SW. slope.

79.11 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the township.

Land, rolling foot hills with a general southerly exposure and drainage.

Soil, shallow clay, sand, and gravelly loams; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon.

Good grazing land.

Chains

entire

From the restored $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the S. bdy. of the township, heretofore described.

East, along the S. bdy. of the township for alignment only, and intersect the E. bdy. of the township, N. $5^{\circ}39'$ W., 37.18 chs. dist. from the SW. cor. of T. 38 S., R. 11 W., heretofore described, and S. $5^{\circ}39'$ E. 3.015 chs. dist. from the restored $\frac{1}{4}$ sec. cor. of sec. 31, T. 38 S., R. 11 W., heretofore described.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of Ts. 38 and 39 S., R. 12 W., with brass cap marked

T38S	T38S
R12W	
S36	S31
CC	
S1	R11W
T39S	

1930

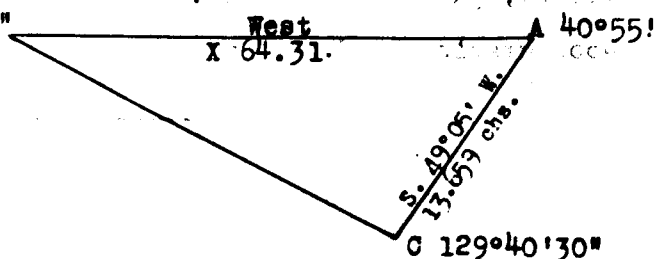
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence:

West, along the S. bdy. of sec. 36.

Vertical sandstone ledges which are inaccessible and which cannot be reached, make chaining to the west of the closing cor. of Ts. 38 and 39 S., R. 12 W., impossible, I therefore determine the distance by triangulation as follows. Erect flag A at the closing township cor., and flag B on line W. From A, survey base line, S. $49^{\circ}05'$ W., 13.659 chs. dist. and erect flag C. From flag C, B subtends an angle of $129^{\circ}40'30''$ from A. All angles checked by repetition and base line double chained. No longer base line could be obtained on account of vertical ledges.

B $9^{\circ}24'30''$



C $129^{\circ}40'30''$

SURVEY OF THE SOUTH BOUNDARY, T.138 S., R.12 W.

Chains

Distance by triangulation 64.31 chs.

10.00 Approximate distance; top of vertical red sandstone ledge, about 800 ft. high, bears N. 30° E. and S. 30° W. From base of rim, descend gradual W. slope of sandstone surface rock, cut by numerous deep boxed fissures.

40.00 True point for the $\frac{1}{4}$ sec. cor. of sec. 36 falls on inaccessible ledges, where it is impracticable to reach the cor. point. No cor. set.

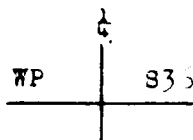
43.00 Approximate distance; deep boxed gulch, about 1500 ft. below cor., drains SW.; continue along broken S. slope of barren sandstone cut by deep fissures.

60.00 Approximate distance; narrow boxed gulch, about 300 ft. deep, drains S. 20° E.; ascend abruptly over ledges.

64.31 To point B of triangulation.

65.83 On top of low sandstone spur, 350 ft. below township cor., projects SE., about 5.00 chs. dist. to end.

At this point, on surface rock, no iron post, being available, I make the following marks for witness point to the $\frac{1}{4}$ sec. cor. of sec. 36.



Continue ascent along S. slope.

70.00 Head of steep draw, drains SE., about 10.00 chs. dist. to deep gorge; enter scattered yellow pine timber and scattered undergrowth of oak and manzanita, bears N. and S.; ascend abrupt E. slope.

80.00 On low ridge, 255 ft. above last cor., bears N. 20° E.; about 2.00 chs. dist. to base of ledge, 500 ft. high; and S., about 10.00 chs. dist. to base of ledge, 500 ft. on NE. point of Timber Mountain.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 35 and 36 only, with brass cap marked

Chains

sailed

T38S R12W
S35 S36

T398

1930

from which:

A yellow pine, 18 ins. diam., bears N. 15°30' E.,
244 lks. dist.; marked T38S R12W S36 BT.

A yellow pine, 20 ins. diam., bears N. 12°30' W.,
66 lks. dist.; marked T38S R12W S35 BT.

Land, rough, broken and mountainous, broken by high
vertical sandstone rims and gulches; general southerly
exposure, and southwest and southeasterly exposure and
drainage into canyon draining S. into Le Verkin Creek.

Soil, shallow mountain loam and sandstone on E. end of
mile; shallow loose sand and barren sandstone on W.
portion of mile; 2nd and 4th rates.

Undergrowth, dense oak and manzanita on E. and W. portions
of mile, none on remainder of mile.

Timber, a few scattered yellow pine and fir on W. portion
of mile.

Poor grazing land.

West, along the S. bdy. of sec. 35.

Descend gradual W. slope of broken mountainous land,
through scattered timber and undergrowth.

2.50 Base of sandstone wall, 600 ft. high, bears NE., and SW.,
about 2.00 chs. dist. thence W. It being impossible to
chain W. from this point on account of high vertical
wall on all sides of an island mountain to the NW.,
I therefore return to a point, East, 1.14 chs. dist.
of the cor. of secs. 35 and 36, and run on offset and
traverse lines as follows.

South, 5.65 chs. dist., thence:

S. 83°24' W., 28.13 chs. dist. This course follows
along bottom of gulch
in gap bet. Timber
mountain to the S. and
an island mountain to
the N. Thence:

W. SI. SURVEY OF THE SOUTH BOUNDARY, T. 38 S., R. 12 W.

Chain

Adel N. 62°20' W., 19.13 chs. dist. This course follows along the E. side of gulch. Thence:

East, 3.74 chs. dist. to:

46.00 Point on true line on abrupt ledgy SW. slope, 860 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 35 only, with brass cap marked

$\frac{1}{4}$ S35

1930

from which:

A red cedar, 12 ins. diam., bears N. 45°30' W., 90 lks. dist., marked $\frac{1}{4}$ S35 BT.

No other suitable bearing tree available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high, N. of cor.

Cor. set about 8.00 chs. W. of a vertical ledge, about 800 ft. high; which bears NW. and S. 80° E.

Thence on true line, gradually descend along SW. slope.

43.74 To point of traverse;

59.30 Depression on S. slope, 90 ft. below the $\frac{1}{4}$ sec. cor.; drains S., 1.00 chs. dist. to canyon; continue gradual descent along S. slope:

65.40 Bottom of depression on S. slope, 100 ft. deep, drains S., 2.00 chs. dist. to canyon.

76.40 Top of S. point of sandstone outcropping, 50 ft. high; descend abrupt ledgy W. slope.

80.00 On steep W. slope, 180 ft. below sandstone outcropping. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 34 and 35 only, with brass cap marked

T38S	R12W
S34	S35

T39S

1930

Chains

entladC

from which:

A juniper, 10 ins. diam., bears N. $7^{\circ}30'$ E., 56 lks. dist., marked T38S R12W S35 BT.

A juniper, 20 ins. diam., bears N. $36^{\circ}30'$ W., 91 lks. dist., marked T38S R12W S34 BT.

Land, broken and mountainous, cut by deep fissures and high vertical sandstone walls; general southerly exposure and drainage into canyon draining W.

Soil, shallow loose sandy loam and rock, sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, and buck brush.

Timber, juniper, pinon, fir, and yellow pine.

Fair grazing land.

West, along the S. bdy. of sec. 34.

Descend abrupt W. slope of broken mountainous land, through medium dense timber and undergrowth.

1.00 Rocky gulch, 30 ft. below cor., S., about 3.00 chs. dist. to canyon draining W., and heads N., about 3.00 chs. dist.; ascend abrupt ledgy E. slope.

5.40 Top of S. end of rocky point from the N., 160 ft. above gulch; descend gradually along S. slope.

11.20 Depression on S. slope, 170 ft. below rocky point, drains S., about 3.00 chs. dist. to canyon; ascend abrupt SE. slope.

13.60 High rocky point on S. slope, 100 ft. above depression, projects S.; descend abruptly along S. slope.

18.65 Draw, 210 ft. below rocky point, drains S., about 5.00 chs. dist. to canyon, and heads N., about 6.00 chs. dist. at base of vertical ledge, 600 ft. high, bears E. and W.; continue along broken S. slope.

27.00 Rocky point on S. slope, 110 ft. above draw, projects S.; descend gradually along S. slope.

37.25 Ravine, 85 ft. below rocky point, drains S., about 6.00 chs. dist. to canyon, and heads N., about 2.00 chs. dist. at base of high ledge; ascend abrupt SE. slope.

40.00 On rocky SE slope, 75 ft. above ravine.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 34 only, with brass cap marked.

T 334

1930

from which:

A juniper, 10 ins. diam., bears N. $40^{\circ}30'$ E., 41 lks. dist., marked $\frac{1}{4}$ S34 BT.

A red cedar, 10 ins. diam., bears N. $37^{\circ}30'$ W., 48 lks. dist., marked $\frac{1}{4}$ S34 BT.

40.80 Low spur, 10 ft. above cor., projects SW., and bears NE., about 12.0 chs. dist. to W. point of high ledge on W. face of island mountain. Descend abrupt W. slope.

51.80 Wash, 150 lks. wide, 16 ft. deep, in bottom of Timber Creek Canyon, drains S., 260 ft. below spur; ascend abrupt E. slope. Timber becomes scattered, bears N. and S.

79.00 Small ravine, 25 ft. deep, drains S., 1.50 chs. dist., thence E.

80.00 On abrupt E. slope, 560 ft. above canyon.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 33 and 34 only, with brass cap marked.

T388	R12W
S33	S34

T398

1930

from which:

A pinon, 12 ins. diam., bears N. 39° W., 86 lks.

dist., marked T388 R12W S33 BT.

No other suitable bearing tree available.

Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken and mountainous; E. portion has general

southerly exposure and drainage into fork of Timber Creek Canyon; W. portion has general southeasterly

SURVEY OF THE SOUTH BOUNDARY, T. 38 S., R. 12 W.

anted

Chains

exposure and drainage. into Timber Creek Canyon. 00.00

Soil, shallow sandy and rocky loams; sandstone formation;
3rd rate.

Undergrowth, oak, service, maple, manzanita, sage, and
buck brush.

Timber, juniper, pinon, and red cedar; scattered ash
along bottom of Timber Creek Canyon.

Fair grazing land.

West, along the S. bdy. of sec. 33.

Ascend abrupt E. slope of broken mountainous land, through
scattered timber and medium dense undergrowth.

2.60 Small rocky spur, 60 ft. above cor., projects S. 20° E.;
descend abrupt W. slope.

3.10 Small draw, 25 ft. below spur, drains S. 20° E. from the
NW.; ascend abrupt E. slope.

10.70 Low spur, 160 ft. above draw, projects S.; descend
gradual SW. slope.

18.70 Small draw, 10 ft. below spur, drains S.; ascend abrupt
E. slope.

34.40 Top of ridge, 270 ft. above draw, bears N. and slopes
S.; descend abrupt W. slope.

40.00 On abrupt W. slope, 210 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 33 only, with brass
cap marked

$\frac{1}{4}$ S33

1930

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
No suitable bearing trees available.

41.00 Begin gradual descent over SW. slope, bears NW. and SE.

50.60 Wash, 30 lbs. wide, 4 ft. deep, in head of wide shallow
draw, 75 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend
abrupt E. slope.

SURVEY OF THE SOUTH BOUNDARY, T. 38 S., R. 12 W.

Chains

- 57.40 Top of high divide ridge, 130 ft. above draw, bears N. and S.; descend abrupt W. slope.
- 79.90 Head of draw, 650 ft. below ridge, drains S., and heads about 4.00 chs. N. in low saddle of ridge bearing E. and W.; ascend abrupt E. slope.
- 82.83 Intersection with a line projected S. from the $\frac{1}{4}$ sec. cor. of the E. bdy. of sec. 20; on E. slope, 50 ft. above head of draw.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 32 and 33 only, with brass cap marked

T38S	R12E
S32	S33

T39S

1931

from which:

A juniper, 14 ins. diam., bears N. $61^{\circ}45'$ E., 73 lks. dist., marked T38S R12W S33 BT.

A juniper, 12 ins. diam., bears N. $63^{\circ}45'$ W., 111 lks. dist., marked T38S R12W S32 BT.

Land, broken and mountainous, with a general southeasterly and southwesterly exposure and drainage.

Soil, shallow sand and clay loams, rocky of sandstone and shale formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, a few scattered juniper and pinon.

Good grazing land.

West, along the S. bdy. of sec. 32.

Ascend abrupt E. slope of broken mountainous land, through scattered undergrowth and medium dense timber.

- 8.30 Top of ascent on S. slope, 125 ft. above cor., slopes S. and bears N., 1.50 chs. dist. to top of hill on ridge bearing nearly E. and W. Descend abrupt SW. slope through dense undergrowth and scattered timber.

SURVEY OF THE SOUTH BOUNDARY OF, T. 38 S., R. 12 W.

Chains

aniam0

- 20.80 Small draw, 250 ft. below top of ascent, drains S. 20° E. and heads 3.00 chs. N. of line; ascend gradual SE. slope.
- 22.75 Spur, 20 ft. above draw, projects S. 10° W.; and bears N., about 8.00 chs. dist., thence E.; enter dense timber bears with spur; descend abrupt W. slope.
- 30.30 Top of broken limestone ledges, bears N. and S.
- 32.50 Base of ledge, 60 ft. high, bears N. and S.
- 41.03 The restored $\frac{1}{4}$ sec. cor. of sec. 32, 705 ft. below spur. Land, broken and mountainous, with a general westerly exposure and southerly and westerly drainage. Soil, shallow clay and gravelly loams; rocky and of limestone and shale formation; 3rd rate. Undergrowth, sage, oak, service, buck, manzanita, and bitter brush. Timber, juniper and pinon. Good grazing land.

SUBDIVISION OF, T. 38 S., R. 12 W.

From the cor. of secs. 35 and 36, on the S. bdy. of the township.

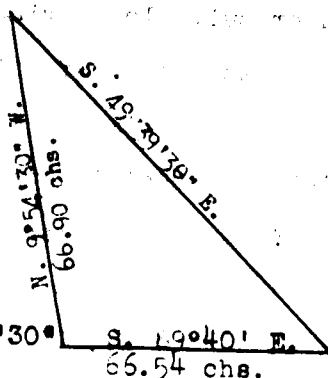
North, on sectional guide meridian, bet. secs. 35 and 36.

The line to the N. of the cor. of secs. 35 and 36, passes over the E. point of a high island mountain and across high vertical ledges over which it is impossible to project my line, I therefore commence at a point, East, 11.51 chs. dist. from the cor. of secs. 35 and 36, and run on traverse line by triangulation as follows. Erect flag A at this point and flag B at a point N. 9°54'30" W. from A. From A, survey base line, AC, S. 89°40' E., 66.54 chs. dist. From B, A, bears S. 9°54'30" E., and C bears S. 49°39'30" E. All angles checked by repetition.

SUBDIVISION OF, T. 36 S., R. 12 W.

Chains

B 39°45'00"



A 100°14'30"

S. 19°40' E. C 40°00'30"

66.54 chs.

Distance by triangulation from A to B is 66.90 chs. which is W., 11.51 chs. and N. 65.90 chs.

Approximate distances to topography on true line, from the cor. of secs. 35 and 36.

- 5.00 Top of high vertical ledge on E. point of a high island mountain, 500 ft. above cor., bears E., about 3.00 chs. and westerly about 1 1/2 miles.
 - 33.00 Bottom of deep inaccessible canyon, 1000 ft. below point of mountain, drains SE.
 - 40.00 True point for the 1/2 sec. cor. of secs. 35 and 36, falls on barren sandstone slope where it is impossible to reach the cor. point.
 - 57.00 Top of high vertical inaccessible sandstone ledge, about 500 ft. high, bears E. 30° W. and S. 40° E. Ascend abruptly over S. slope, through dense undergrowth.
 - 65.90 To point B. of triangulation; thence by chaining.
 - 66.06 On top of high ridge, 1100 ft. above cor. of secs. 35, and 36, bears N. 35° W. and S. 80° E.
- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to N. 1/16 cor. of secs. 35 and 36, with brass cap marked

N 1/16
S35 | S36
WC

1930

from which:

A lone yellow pine, 12 ins. diam., bears N. 72°15' E., 47 lks. dist., marked WC N 1/16 S36 BT.

Chain

Distance on line 66.06 chs.
Distance by triangulation ~~67.83 chs.~~
Distance to point B. 89.29 chs.

- 1.00 Approximate distance; top of S. rim of South Fork of Dry Creek Canyon, 50 ft. high, bears N. 80° W. and S. 80° E.
- 2.00 Approximate distance; bottom of South Fork of Dry Creek Canyon, 700 ft. below top of S. rim, drains N. 80° W.
- 3.00 True point for the cor. of secs. 25, 26, 35, and 36, falls on broken E. breaks of canyon, where it is impossible to reach the true cor. point.
- 42.00 Approximate distance; top of E. rim of canyon, 650 ft. high, bears N. 80° W. and S. 80° E. Ascend abrupt S. slope of ledges.
- 43.20 To point B. of triangulation.
- 50.00 On top of ridge, 1000 ft. above bottom of South Fork of Dry Creek Canyon, bears N. 75° W. and S. 75° E. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 25, 26, 35, and 36, with brass cap marked

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

T38S R12W
826 825

835 836

WC

1930

from which:

A balsam, 8 ins. diam., bears N. 32° W., 88 lks.
dist., marked WC T38S R12W S26 BT.

A yellow pine, 12 ins. diam., bears S. $87^{\circ}15'$ W.,
206 lks. dist., marked WC T38S R12W S26 BT.

No other suitable bearing trees available.

Land, broken and mountainous, cut by vertical high
inaccessible sandstone ledges; with a general south-
easterly exposure and drainage on S. portion of mile;
general northerly and southerly exposure and westerly
drainage on N. portion of mile.

Soil, shallow sandy and clay loams with rock; sandstone
formation; 4th rate.

Undergrowth, oak, sage, service, buck, manzanita, and
bitter brush on N. end of mile.

Timber, a few scattered yellow pine and fir along rims
of mountain tops.

Poor grazing land.

East, on random line, bet. secs. 25 and 36.
the point for

As/the cor. of secs. 25, 26, 35, and 36, falls on

inaccessible land, I commence at a point, North, 9.29

chs. dist. from the true point for the cor. of said

secs., and run on traverse line as follows.

S. $74^{\circ}30'$ E., 34.77 chs. dist. to:

33.51 Point on true random line, thence East, on true random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

72.09 Intersect the cor. of secs. 25 and 36, on the E. bdy. of
the township, heretofore described.

Thence:

West, on true line, bet. secs. 25 and 36.

SUBDIVISION OF, T. 34 S. R. 16 E. S. 32 W.

Chains	
	Descend gradual W. slope of rolling mountainous land, through dense undergrowth.
1.35	Woven wire fence, bears N., about 5.00 chs. dist. to end and S., about 2.00 chs., thence southeasterly about 30.00 chs. dist. to spring.
1.50	Head of depression, 20 ft. below cor., drains S.; ascend gradual SE. slope.
5.50	Slope changes from SE. to S.
11.50	Bend in draw, 60 ft. above head of depression, drains SE. from SW., bears S., 30 lks. dist. from line; ascend abrupt E. slope.
16.50	Small log cabin under construction, bears S., 2.50 chs. dist.
17.50	A small seep of good water in bottom of draw draining N. 80° E., bears S., about 3.00 chs. dist.
21.80	Ridge, 180 ft. above sec. cor., bears N. 35° E. and S. 80° W. Enter dense fir and pine timber, bears with ridge. Descend gradually along abrupt N. slope.
32.09	On abrupt N. slope, 25 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ $\frac{S25}{S36}$ 1930 </div> from which: A yellow pine, 24 ins. diam., bears S. 51° 45' E., 96 lks. dist., marked $\frac{1}{4}$ S36 BT. A yellow pine, 30 ins. diam., bears N. 46° W., 55 lks. dist., marked $\frac{1}{4}$ S25 BT. Thence ascend abrupt NE. slope.
38.40	Ridge, 235 ft. above the $\frac{1}{4}$ sec. cor., bears S. 30° E., and N., 2.00 chs. dist., thence N. 75° W.
38.58	High vertical rim, 700 ft. high, about 20.00 chs. W. of this point, makes it impossible to run on true line, I therefore run on traverse line as follows, leaving timber and through dense undergrowth.

Chains

.840 N. $74^{\circ}30'$ W., 34.77 chs. dist. to:

72.09 Point, North, 9.29 chs. dist. from the true point for the cor. of secs. 25, 26, 35, and 36, and South, 31 al 2000 lks. dist. from the witness cor. to the cor. of said secs.

Land, rolling and mountainous with a general southeasterly exposure and drainage/center portion of mile has a general northerly exposure and drainage into Middle Fork of Dry Creek Canyon; W. portion has a general westerly exposure and drainage into South Fork of Dry Creek Canyon.

Soil, shallow mountain loam with gravel and rock; limestone and shale formation; 3rd rate.

Undergrowth, sage, oak, service, buck, and maple brush.

Timber, fir, mahogany, and yellow pine.

Fair grazing land.

North, on sectional guide meridian, bet. secs. 25 and 26. It being impossible to reach the true point for the cor. of secs. 25, 26, 35, and 36, I commence at a point, North, 9.29 chs. dist. from said cor. point. The line to the N. of this point, crosses the Middle Fork of Dry Creek Canyon, which is rimmed with inaccessible ledges, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B on line N. From A, survey base line AC, S. $74^{\circ}30'$ E., 34.77 chs. dist. From C, B subtends an angle of $40^{\circ}09'$ from A. All angles checked by repetition and base line double chained.

B. $34^{\circ}21'$

North, 39.73 chs.

A. $105^{\circ}39'$

S. $74^{\circ}30'$ E.
34.77 chs.

C. $40^{\circ}09'$

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Distance on line 9.29 chs.
 Distance by triangulation 39.73 chs.
 Distance to point B. 49.02 chs.

- 9.60 The witness cor. to the cor. of secs. 25, 26, 35, and
 Thence descend abrupt N. slope of broken mountainous
- 10.50 Approximate distance; enter dense timber, bears E. and
- 22.00 Approximate distance; top of S. rim of Middle Fork of
 Dry Creek Canyon, about 1000 ft. high, bears N. 80°
 and S. 80° E.; timber becomes scattered, bears with
 rim.
- 30.00 Approximate distance; bottom of Middle Fork of Dry Cre
 Canyon, drains N. 80° W.; ascend over vertical rim
 and breaks on N. side of canyon.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26, fall
 in inaccessible N. breaks of canyon, where it is
 impossible to reach the cor. point,
- 45.00 Approximate distance; top of N. rim of canyon, about 10
 ft. high, bears N. 80° W. and S. 80° E.; ascend abrupt
 broken S. slope of ridge.
- 49.02 To point B. of triangulation, near top of ridge, 35 ft.
 below the witness cor. to the cor. of secs. 25, 26, 3
 and 36.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in t
 ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs.
 25 and 26, with brass cap marked
- $\frac{1}{4}$

S26 | S25

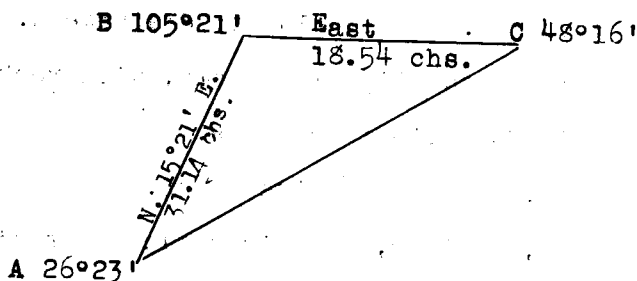
WC

1930
- Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
 Thence by chaining.
- 49.97 Top of ridge, 10 ft. above cor., bears N. 75° W. and
 S. 75° E.
 The line to the N. of this point crosses the N. Fork of
 Dry Creek Canyon, which is rimmed with vertical sand-
 stone walls, which make it impossible to chain or
 project my line N. from this point, I therefore

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

1. To determine the distance by triangulation on traverse line as follows. Erect flag A at this point, and flag B at a point N. $15^{\circ}21'$ E. from A. From B, survey base line BC, East, 18.54 chs. dist. From C, A subtends an angle of $48^{\circ}16'$ from B. All angles checked by repetition and base line double chained.



Distance on line	49.97 chs.
Distance by triangulation, (northing)	30.03 chs.
	<u>80.00 chs.</u>

Approximate distances to topography on true line.

- 58.00 Top of S. rim of North Fork of Dry Creek Canyon, 800 ft. high, bears N. 75° W. and S. 75° E.
- 71.00 Bottom of North Fork of Dry Creek Canyon, drains N. 75° W.; ascend abruptly over inaccessible N. breaks of canyon.
- 80.00 True point for the cor. of secs. 23, 24, 25, and 26, falls in inaccessible N. breaks of canyon, where it is impossible to reach the true cor. point; therefore at point B of triangulation, which is East, 3.24 chs. dist. from the true cor. point, on top of high vertical sandstone rim, 800 ft. high, bears N. 20° W., about 8.00 chs. dist., thence W., and S. 80° E., about 6.00 chs. dist., thence SE.
- Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a mound of stone to top, for witness cor. to the cor. of secs. 23, 24, 25, and 26, with brass cap marked

T38S	R12W.
S23	S24
S26	S25

1930

from which:

SUBDIVISION OF T. 38 S. 12 E. R. 22 W.

Chains	
	<p>A pinon, 40 ins. diam., bears N. 16° 30' E., 58 lks. dist., marked WC T38S R12W S24 BT.</p> <p>A pinon, 20 ins. diam., bears N. 71° 30' W., 107 lks. dist., marked WC T38S R12W S24 BT.</p> <p>No other suitable bearing trees available.</p> <p>Land, mountainous, broken by high vertical sandstone ledges with abrupt N. and S. slopes; drainage W.</p> <p>Soil, shallow gravelly clay loams, with rock; limestone and shale formation; 3rd rate.</p> <p>Undergrowth, oak and service brush.</p> <p>Timber, fir, juniper, and pinon along the rims.</p> <p>Fair grazing land.</p>
	<p>East, on random line bet. secs. 24 and 25.</p> <p>Counting distances from the true point for the cor. of secs. 23, 24, 25, and 26.</p>
8.24	The witness cor. to the cor. of said secs.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
68.33	Intersect the cor. of secs. 23 and 24, on the E. bdy. of the township, heretofore described.
	Thence:
	West, on true line, bet. secs. 24 and 25.
	Ascend gradually over rolling mountainous land, through dense undergrowth.
3.10	Top of rise on S. slope, 35 ft. above cor., bears N. and S.; continue along rolling S. slope.
17.80	Draw, 15 ft. above cor., drains S. 40° E.; ascend abrupt E. slope.
25.00	Enter scattered fir, juniper and pinon timber, bears NW. and S.
28.38	On gradual E. slope, 90 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{824}{825}$
 1930

Chains

- ... from which:
 1. A fir, 12 ins. diam., bears N. $31^{\circ}30'$ E., 111 lks.
 dist., marked $\frac{1}{4}$ S24 BT.
 2. A pinon, 10 ins. diam., bears S. $89^{\circ}20'$ E., 406 lks.
 dist., marked $\frac{1}{4}$ S25 BT.
 3. Ascend gradual E. slope.
 41.60 Top of ridge and grey limestone rim, 50 ft. above cor.,
 bears N. 20° W. and SE.; descend abrupt W. slope.
 50.00 Slope changes from the W. to the SW.
 60.14 The witness cor. to the cor. of secs. 23, 24, 25, and
 26, 510 ft. below ridge.
 68.38 True point for the cor. of secs. 23, 24, 25, and 26.
 Land, rolling and mountainous on E. portion, rough and
 mountainous on W. portion. General easterly exposure and
 drainage on E. portion, general westerly exposure and
 drainage on W. portion into North Fork of Dry Creek
 Canyon.
 Soil, dark gravelly clay and mountain loam with rock;
 limestone and shale formation; 3rd rate.
 Undergrowth, oak, service, buck, choke-cherry and manzanita
 brush.
 Timber, junioer, pinon, and fir, on portions of mile.
 Good grazing land.
-
- North, bet. secs. 23 and 24, on sectional guide meridian.
 The true point for the cor. of secs. 23, 24, 25, and 26,
 falls in inaccessible ledges where it is impossible to
 reach the true cor. point, and the line N. of this
 point, passes over the high inaccessible N. breaks of
 the North Fork of Dry Creek Canyon, I therefore
 commence at the witness cor. to the cor. of said secs.,
 which is East, 8.24 chs. dist. from the true cor. point,
 and run on traverse line as follows.
 N. $19^{\circ}42'$ W., 24.44 chs. dist. Traverse line follows
 along abrupt S. and SW. slopes through dense undergrowth

SUBDIVISION OF T. 38S, R. 12W.

Chains

entire

and scattered timber. At 2.00 chs. on this course, leave timber. At the end of this course, intersect true line at:

23.01 Point on true line at top of grey limestone rim, 70 ft. high and 550 ft. above the witness cor. to the cor. of secs. 23, 24, 25, and 26, bears S. 47° E., and N. 47° W., for about 8.00 chs., thence nearly W. Thence North, on true line. Gradually ascend S. slope through dense undergrowth.

40.00 On gradual S. slope, 190 ft. above rim. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23	S24
1930	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. 45.00 Low spur, 150 ft. above cor., projects S. 70° W.; ascend gradually along general W. slope.

70.40 Ridge, 235 ft. above the $\frac{1}{4}$ sec. cor., bears W., about 60.00 chs. dist., and E., 8.00 chs. dist. to highest point on Horse Ranch Point, thence SE. Gradual descend N. slope. Leave nearly all undergrowth.

66.00 Enter dense aspen timber and undergrowth, bears E. and W.

50.00 On abrupt N. slope, 150 ft. below ridge, in dense aspen timber and undergrowth.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T38S	R12W
S14	S13
S23	S24
1930	

from which:

A stationary volcanic boulder, showing 12 x 6 x 6 ft. above ground, marked on E. face, X-80, bears S. 67° 30' W., 21 lks. dist.

Notes

first. Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

No suitable bearing trees available.

Land, rolling and mountainous on N. portion of mile,

broken by sandstone ledges on S. portion; N. and S. exposures and drainage.

Soil, dark clay and gravelly loams, with rock; limestone and shale formation; 3rd rate.

Undergrowth, sage, oak, service, choke-cherry, and buck brush.

Timber, aspen, juniper, and pinon, on portions of mile.

Good grazing land.

East, on random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

68.46 Intersect the E. bdy. of the township, 3 lks. N. of the cor. of secs. 13 and 24, heretofore described.

Thence:

N. 89°59' W., on true line, bet. secs. 13 and 24.

Ascend gradual E. slope of rolling mountainous land, through dense undergrowth from 10 ft. to 20 ft. high.

28.46 On gradual E. slope, 265 ft. above cor..

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{813.}{824.}$$

1930

Deposit a sandstone 8 x 6 x 4 ins., at base of post, marked with a cross (X).

40.50 Slope changes from gradual E. slope to rolling N. slope, bears NE. and SW.

61.50 Enter dense young aspen, bears N. and SW.

68.46 The cor. of secs. 13, 14, 23, and 24, 400 ft. above the ¼ sec. cor.

SUBDIVISION OF, T. 38 S., R. 12 E.

Chains.

and sd0

Land, rolling and mountainous, with a general easterly and northerly exposure and drainage.

Soil, shallow clay and gravelly loams with rock; limestone and volcanic formation; 3rd rate.

Undergrowth, dense oak, buck, maple, service, and choke-cherry brush, from 10 to 20 ft. high.

Timber, dense young aspen on extreme W. portion of mile.

Good grazing land.

North, bet. secs. 13 and 14, on sectional guide meridian.

Descend abrupt N. slope of broken mountainous land, through dense young aspen timber and dense undergrowth.

17.00 Leave timber and continue through dense undergrowth, bears, E. and W. Descent becomes gradual, bears E. and W.

25.67 Leave large flag on top of grey limestone rim, 50 ft. high, bears S. 30° W. and NE.; descend abrupt N. slope.

40.00 On gradual N. slope of bench, at base of abrupt descent, 900 ft. below sec. cor., bears NE. and SW.

Set an iron post, 3 ft. long, 1-in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S14 S13

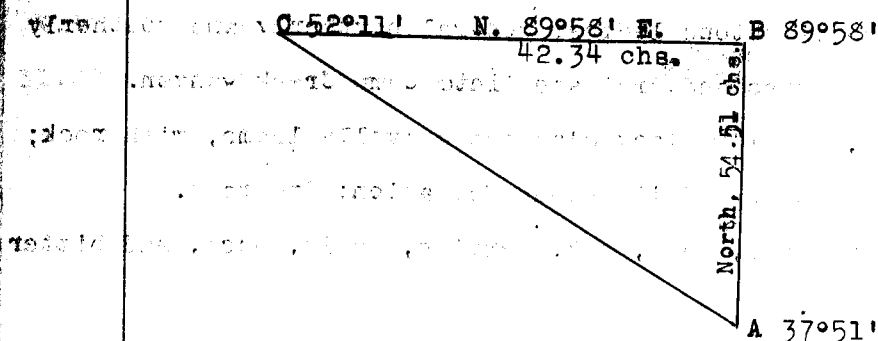
1930

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Vertical rims to the N. of this cor. makes chaining impracticable, I therefore determine the distance by triangulation as follows. Designate the flag at the 25.67 chs. point as A, and erect flag B on line N., From B, survey base line BC; S. 89°58' W., 42.34 chs. dist. From C, flag AB subtends an angle of 52°11'. All angles checked by repetition, and base line double chained.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains



Distance on line	25.67 chs.
Distance by triangulation	54.51 chs.
Distance to point B	80.18 chs.
Distance by return measurement	0.13 chs.
	80.00 chs.

Approximate distances to topography on triangulated distance.

- From the $\frac{1}{4}$ sec. cor., line descends abrupt broken N. slope.
- 50.00 Top of red sandstone rim, 800 ft. high, faces N. and bears S. 70° E., and S. 70° W., about 2.00 chs. dist., thence SW.
- 67.00 Camp Creek, dry, in narrow box canyon, 1500 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° W.; ascend broken ledgy inaccessible S. slope. Enter scattered timber.
- 80.00 On abrupt ledgy SE. slope, 250 ft. above canyon. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

T38S	R12W
S11	S12
S14	S13

1930

from which:

- A pinon, 12 ins. diam., bears N. $20^{\circ}15'$ E., 47 lks. dist., marked T38S R12W S12 BT.
- A fir, 20 ins. diam., bears S. $66^{\circ}15'$ E., 61 lks. dist., marked T38S R12W S13 BT.
- A pinon, 14 ins. diam., bears N. $47^{\circ}30'$ W., 72 lks. dist., marked T38S R12W S11 BT.

No bearing tree in sec. 14 available.

Land, broken and mountainous with high vertical sandstone

Chains

acres 0

and limestone ledges; general northerly and southerly exposures and drainage into Camp Creek Canyon.

Soil, shallow black clay and gravelly loams, with rock; sandstone and limestone formation; 3rd rate.

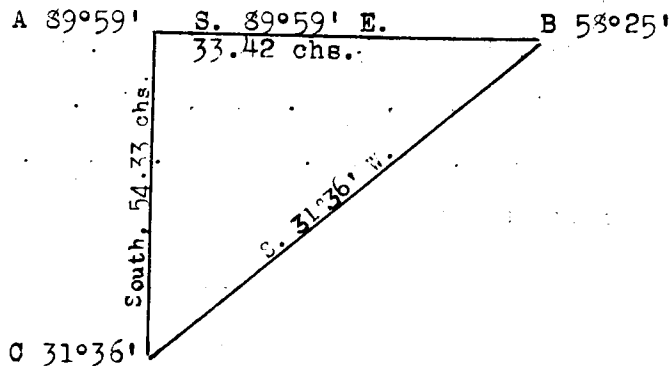
Undergrowth, sage, oak, service, maple, buck, and bitter brush.

Timber, aspen, fir, juniper and pinon.

Good grazing land.

S. $89^{\circ}59'$ E., on random line, bet. secs. 12 and 13.

The line to the E. of the cor. of secs. 11, 12, 13, and 14, passes over inaccessible ledges which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag A at this cor. and flag B on line to the E. From B, flag left. South, 54.33 chs. dist. from the cor. of secs. 11, 12, 13, and 14, which I designate C, bears S. $31^{\circ}36'$ W. All angles checked by repetition.



Distance by triangulation

Distance by return measurement

33.42 chs.
15.78 chs.
17.64 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor. ...

72.92 Intersect the E. bdy. of the township, 7 lks. S. of the cor. of secs. 12 and 13, heretofore described.

Thence:

S. $89^{\circ}58'$ W., on true line, bet. secs. 12 and 13.

Descend gradual W. slope of rolling mountainous land, through scattered undergrowth.

SUBDIVISION OF T. 38 S. 27. N. 12. W.

Chains	
4.60	Woven wire fence, bears N. and S.
11.00	Head of swale at base of descent, 100 ft. below cor., drains S. and heads N., 2.00 chs. dist.; ascend gradual E. slope.
27.00	Top of ascent on S. point of spur, 90 ft. above swale, bears N.; enter dense undergrowth; descend gradual W. slope.
30.00	Enter dense timber, bears N. and S.
32.92	In small depression on S. slope, 100 ft. below top of ascent, drains S.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S12 \\ \frac{1}{4} \\ \hline S13 \\ 1930 \end{array}$
	from which:
	A pinon, 24 ins. diam., bears S. $36^{\circ}45'$ W., 306 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A pinon, 12 ins. diam., bears N. $68^{\circ}30'$ W., 178 lks. dist., marked $\frac{1}{4}$ S12 BT.
	Thence ascend gradually over SE. slope.
38.50	Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects S. 30° W. from NE.; descend abrupt W. slope through dense timber.
55.28	Top of red sandstone ledge, 400 ft. high, 610 ft. below spur, bears N., and SW. for 6.00 chs. dist., thence E.
66.00	Approximate distance, bottom of gulch, 1000 ft. below top of ledge, drains S.; ascend gradually over broken S. slope, cut by numerous fissures.
72.92	The cor. of secs. 11, 12, 13, and 14, 870 ft. below top of ledge.
	Land, E. portion of mile is rolling and mountainous; W. portion broken by high ledges and deep fissures; general south and southwesterly exposures and drainage, into Camp Creek Canyon.
	Soil, shallow clay and gravelly loams, with rock; sandstone and limestone formation; 3rd rate.

SUBDIVISION OF, T. 36 S. R. 12 W.

Chains

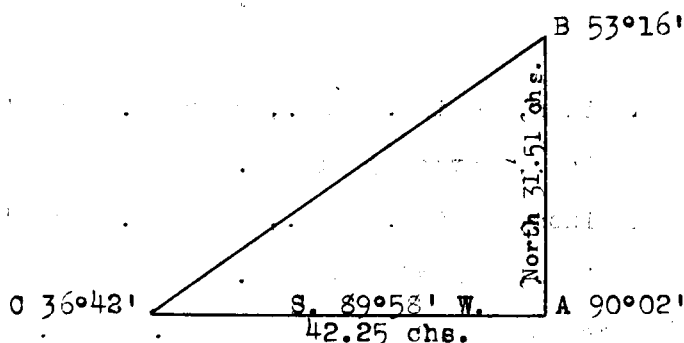
anise

Undergrowth, sage, oak, service, and buckbrush. Cor. Timber, juniper, pinon, fir, and yellow pine on portion of mile.

Good grazing land.

North, bet. secs. 11 and 12, on sectional guide meridian.

The line to the N. of the cor. of secs. 11, 12, 13, and 14, passes over high inaccessible ledges which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag A at the sec. cor., and flag B. on line N. From A, survey base line, AC, S. $89^{\circ}58'$ W., 42.25 chs. dist. From C, B subtends an angle of $36^{\circ}42'$ from A. All angles checked by repetition, and base line double chained.



Distance by triangulation 31.51 chs.

31.51 To point B. of triangulation, thence by chaining. Point is at top of ascent on W. slope, 600 ft. above cor., slopes W., and bears E., 1.00 chs. dist. to high ridge, bears S., for 5.00 chs. dist., thence E., and N., 6.00 chs. dist., thence W. Descend abrupt W. slope of ridge.

37.60 Ridge, 100 ft. below top of ascent, bears E., 1.00 chs. dist., thence S., and NW. Deep saddle in ridge, bears NW., 2.00 chs. dist. Descend abrupt NW. slope, over high ledges.

38.15 Top of vertical red sandstone ledge, 100 ft. high, bears N. 20° E. and S. 20° W. Enter dense undergrowth and timber, bears with ledge.

SUBDIVISION OF, T. 36 S., R. 12 W.

Chains	
40.00	On abrupt N. slope, 175 ft. below ridge.
43.50	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S11 | S12 1931
	from which:
	A balsam, 22 ins. diam., bears N. 35°30' E., 54 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A balsam, 8 ins. diam., bears N. 61° W., 27 lks. dist., marked $\frac{1}{4}$ S11 BT.
	Continue abrupt descent over N. slope.
43.50	Gulch, 180 ft. below cor., drains N. 25° E.; thence descend along abrupt ledgy E. slope, through dense undergrowth and scattered yellow pine.
54.50	Rocky spur, 490 ft. below $\frac{1}{4}$ sec. cor., projects N. 30° E.; descend abruptly ledgy N. slope.
58.00	Head of rocky draw, 100 ft. deep, drains N. 30° E.; thence along rocky E. slope.
63.30	Rocky point, projects NE., about 2.00 chs. dist. to end. Descend abruptly over N. face of ledges into canyon.
71.00	Spring Creek Canyon, 1140 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; dense timber and undergrowth in bottom of canyon. Thence ascend abrupt rocky SW. slope, over ledges.
74.63	Rocky point, projects SW., 120 ft. above canyon. Broken inaccessible ledges ahead on line from this point, make it impossible to continue my line N., I therefore run on traverse line as follows.
	N. 9°11' W., 6.06 chs. dist. At 3.00 chs. on this course, rocky gulch, 100 ft. deep, drains SW. to canyon.
	N. 3°30' W., 94 lks. dist.
	N. 25° E., 2.43 chs. dist. to:
83.75	Point on true line, on gradual E. slope, 460 ft. above canyon.

. SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Section 9

As the true point for the cor. of secs. 1, 2, 11, and 12 falls in inaccessible ledges where it is impossible to set cor., therefore at this point, N. 3.75 chs. dist. from true cor. point,
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a mound of stone to top, for witness cor. to the cor. of secs. 1, 2, 11, and 12, with brass cap marked

T38S	R12W
S2	S1
S11	S12
WC	

1931

from which:

A yellow pine, 24 ins. diam., bears N. 2°15' E.,
54 lks. dist., marked WC T38S R12W S1 BT.

A yellow pine, 12 ins. diam., bears S. 83° E.,
31 lks. dist., marked WC T38S R12W S1 BT.

A yellow pine, 30 ins. diam., bears S. 20°30' W.,
24 lks. dist., marked WC T38S R12W S2 BT.

A yellow pine, 20 ins. diam., bears N. 44°30' W.,
150 lks. dist., marked WC T38S R12W S2 BT.

Land, broken and mountainous with a general southerly exposure and drainage into Camp Creek Canyon on S. portion, and northerly exposure and drainage into Spring Creek Canyon on N. portion.

Soil, shallow clay, sand, and gravelly loams, with rock; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, maple and manzanita brush.

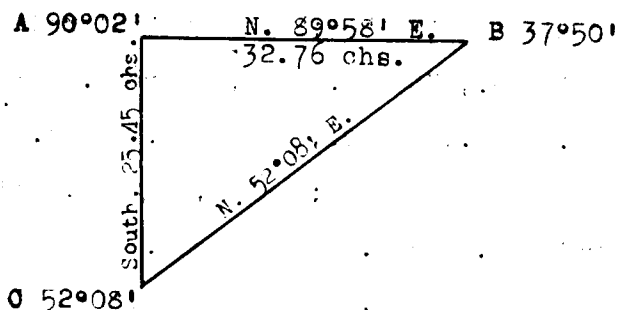
Timber, aspen, fir, balsam, juniper, and pinon, and yellow pine.

Good grazing land.

Chains

From the true point for the cor. of secs. 1, 2, 11, and 12. N. 89°58' E., on random line, bet. secs. 1 and 12.

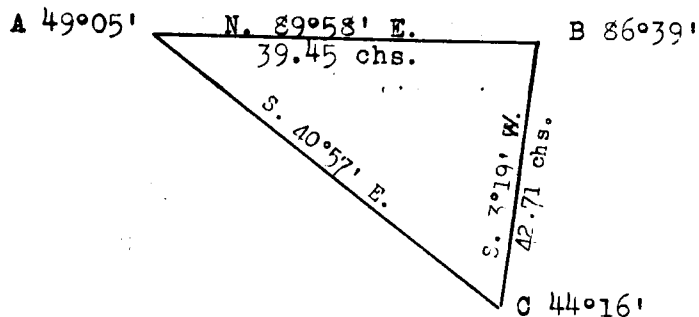
High vertical ledges make chaining to the E. of this cor. point impossible, I therefore determine the distance by triangulation as follows. Designate the cor. point as A, and erect flag B on line to the E. Erect flag C at a point, South, 25.45 chs. dist. from A. From C, B bears N. 52°08' E. All angles checked by repetition.



Distance by triangulation 32.76 chs.

32.76 To point B of triangulation; thence by chaining.
38.10 Leave flag.
40.00 Set temp. sec. cor.

High broken ledges to the E. of this point makes chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag A at the 38.10 chs. point, and flag B on line to the E. on the E. bdy. of the township, From B, survey base line BC, S. 3°19' W., 42.71 chs. From A, C bears S. 40°57' E. All angles checked by repetition.



Distance on line 38.10 chs.
Distance by triangulation 39.45 chs.
Distance to B 77.55 chs.
Distance by return measurement 7.55 chs.
70.00 chs.

77.55 To point B. of triangulation on the E. bdy. of the township, 7 lks. S. of the cor. of secs. 1 and 12,

Chains

- heretofore described.
- Thence: S. $39^{\circ}55'$ W., on true line, bet. sec. 11 and 12.
- Ascend gradually along rolling mountainous land, through scattered undergrowth and dense timber.
- 4.00 Top of ascent, 25 ft. above cor., bears N. and S. Begin gradual descent over W. slope.
- 7.55 Begin abrupt descent over W. slope, bears N. and S.
- 20.00 Approximate distance; top vertical red sandstone rim facing W., 300 ft. high, bears N. 30° W., about 10.00 chs. dist., and S., about 20.00 chs. dist., thence E.
- 26.00 Approximate distance; gulch, 600 ft. below top of ascent, drains S. 20° W. and heads N., about 10.00 chs. dist. Ascend abrupt E. slope over broken ledges.
- 35.00 Approximate distance; top of W. rim of gulch and top of vertical sandstone ledge, 400 ft. high, bears NE., about 10.00 chs. dist. to head of gulch, and S. 20° W. about 10.00 chs., thence W. Continue abrupt ascent over E. slope.
- 37.55 True point for the $\frac{1}{4}$ sec. cor. falls on steep broken E. slope, where it is impracticable to set a permanent cor.
- 39.55 On top of high spur, 600 ft. above gulch, projects S. 20° W., about 10.00 chs. dist. to end.
- Set an iron post, 3 ft. long, 1 1/2 ins. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, witness for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\frac{S1}{S12} \quad WC$$

1930
- from which:
- A yellow pine, 10 ins. diam., bears S. 15° E., 163 lks. dist., marked WC $\frac{1}{4}$ S12 BT.
- A pinon, 8 ins. diam., bears N. $35^{\circ}15'$ W., 52 lks. dist., marked WC $\frac{1}{4}$ S1 BT.
- Thence descend abrupt W. slope through dense timber.

44.79' Top of red sandstone vertical ledge facing W., 300 ft. high, bears N., and S. about 10.00 chs. dist., thence E.

60.00 Approximate distance; gulch, 1000 ft. below the witness cor. to the $\frac{1}{2}$ sec. cor., drains S. 20° W. into canyon, and heads N., about 20.00 chs. dist. Thence over general S. slope of ledges, broken by deep fissure and sandstone points projecting S.

74.00 Approximate distance; top of vertical sandstone ledge facing W., 400 ft. high, bears N. and S.

75.50 Approximate distance, rocky gulch, drains S.; ascend. abrupt E. slope, over ledges.

77.55 The true point for the cor. of secs. 1, 2, 11, and 12, which is 760 ft. below the rim at the 44.79 chs. point.

Land, rolling mountain top of E. end of mile; rough and broken mountains on W. portion; general southerly exposure and drainage into Spring Creek Canyon.

Soil, shallow sandy loam and rock; sandstone and limestone formations; 3rd and 4th rates.

Undergrowth, oak, service, manzanita, maple, and choke-cherry brush.

Timber, juniper, pinon, fir, and yellow pine.

Good grazing land.

From the true point for the cor. of secs. 1, 2, 11, and 12.

North, bet. secs. 1 and 2, on sectional guide meridian.

The line N. from this cor. point passes over numerous

ledges over which chaining is impracticable, I therefore determine the distance by triangulation as follows.

Designate this cor. point as A, and erect flag B on line

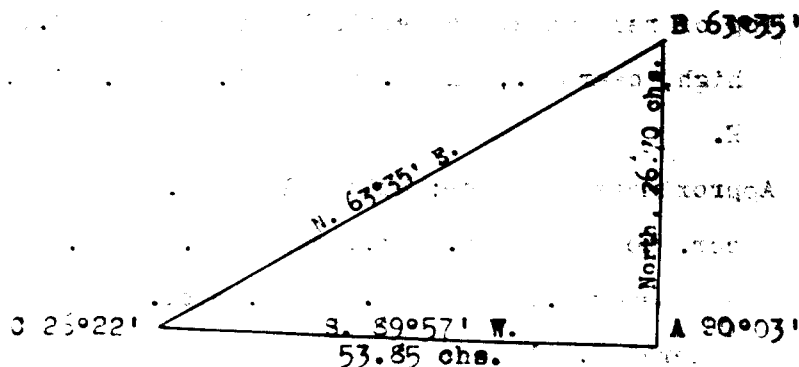
N. From A, survey base line, S. $89^{\circ}57'$ W., 53.85 chs.

dist., and erect flag C. From C, B, bears N. $63^{\circ}35'$ E.

All angles checked by repetition.

Chains

am 1931



Distance by triangulation 26.70 chs.

- 3.75 The witness cor. to the cor. of secs. 1, 2, 11, and 12. Approximate distance;
- 15.00 Head of narrow rocky gulch, drains S. 5° E.
- 26.70 Top of rocky spur, 400 ft. above cor. point, projects SW., about 4.00 chs. dist., thence S. Thence by chaining ascend gradually along broken W. slope, through scattered undergrowth and dense timber.
- 36.00 On top of rocky point, 25 ft. above rocky spur, projects S. 70° W., 2.00 chs. dist. to end.
- Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, with brass cap marked

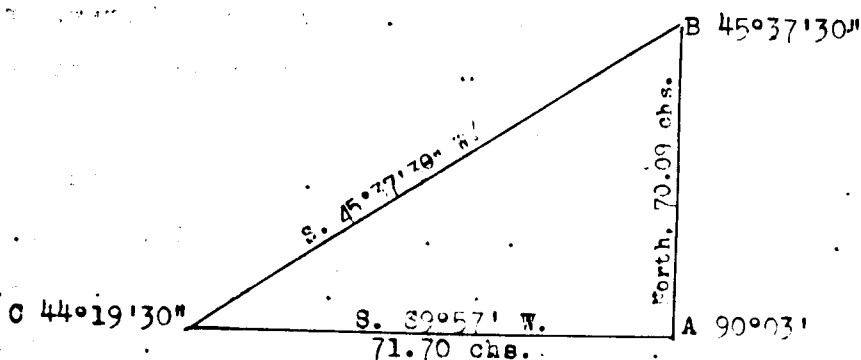
$\frac{1}{4}$
 WC
 82 | S1
 1931

from which:

- A yellow pine, 36 ins. diam., bears S. 79° E., 98 lks. dist., marked WC $\frac{1}{4}$ S1 BT.
- A yellow pine, 12 ins. diam., bears S. 33° W., 85 lks. dist., marked WC $\frac{1}{4}$ S2 BT.
- 40.00 True point for the $\frac{1}{4}$ sec. cor., falls in depression on abrupt W. slope of sandstone outcroppings, 75 ft. below witness cor., drains W., where it is impracticable to set a permanent cor.
- From this cor., the line passes over broken sandstone outcroppings on W. and SW. slopes which make chaining impracticable, I therefore determine the distance by

Chains

triangulation as follows. Erect flag B on line N. and designate the point for the cor. of secs. 1, 2, 11, and 12 A. From A, survey base line AC, S. 89°57' W., 71.70 chs. dist. From B, C, bears S. 45°37'30" W. All bearings checked by repetition.



Distance by triangulation, 70.09 chs.

64.00 Approximate distance; head of gulch, drains S. 30° W.; ascend abrupt S. slope.

70.09 To point B. of triangulation, at top of high ridge, 235 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., bears E., about 10.00 chs. dist. to top of mountain, and SW., about 3.00 chs. dist. to forks of ridge. Descend abrupt N. and NW. slopes through dense timber, and red sandstone outcroppings.

80.00 On broken NW. slope, 250 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of lots Nos. 4 and 5, sec. 1, and lots Nos. 1 and 3, sec. 2, with brass marked

	1	4
82	8	51
	8	5
	1931	

from which:

A juniper, 20 ins. diam., bears N. 39° E., 31 lks. dist., marked S1 L4 BT.

A pinon, 24 ins. diam., bears S. 15°15' E., 21 lks. dist., marked S1 L5 BT.

A pinon, 8 ins. diam., bears S. 38° W., 24 lks. dist., marked S2 L8 BT.

Chains

Section 9

- A pinon, 7 ins. diam., bears N. 27° W., 37 lks. dist., marked S2 11 BT.
- 84.00 Draw near head, 25 ft. below lot cor., drains SW.; ascend broken S. slope.
- 88.40 Trail, bears NE. to top of mountain and SW. to Kanarravi
- 90.00 High rocky spur, 170 ft. above head of draw, projects W. descend abrupt NW. slope over broken sandstone outcroppings.
- 99.00 Slope changes from abrupt NW. slope to abrupt N. slope.
- 102.72 Intersect the N. bdy. of the township, 57 lks. W. of the closing cor. of secs. 35 and 36, T. 37° S., R. 12 W. and 3.51 chs. W. of the original cor. of secs. 1 and 2, T. 38 S., R. 12 W. Cors. are iron posts, 3 ins. in diam., set, marked, and witnessed as described in the official records. I change the original cor. of secs. 1 and 2 to an angle point, by effacing the markings on the cor. monument and bearing tree that pertain to sec. 2, and by marking the cor. monument and the bearing tree in sec. 1, AP.
- True point for the closing cor. of secs. 1 and 2, falls on E. face of high sandstone ledge where it is impossible to set a cor., therefore at a point East, 57 lks. dist. from the true cor. point, which point is alongside the closing cor. of secs. 35 and 36:
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the closing cor. of secs. 1 and 2, T. 38 S., R. 12 W., with brass cap marked
- | | |
|-----------|------|
| T37S R12W | |
| 835 | |
| WC | |
| S2 | S1 |
| T38S | R12W |
| .00 | |
- 1931
- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of the cor.
- No suitable bearing tree available

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Cor. set 450 ft. below spur.

Land, broken and mountainous, with a general southwesterly exposure, and general northwesterly and southwesterly drainage.

Soil, shallow clay and gravelly loams, with rock; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, maple and buck brush.

Timber, juniper, pinon, fir, and yellow pine.

Good grazing land.

From the cor. of secs. 34 and 35, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}01'$ W., bet. secs. 34 and 35.

North, about 5.00 chs. dist. from the cor. of secs. 34 and 35, is the base of a high nearly vertical sandstone ledge on S. side of an inaccessible island mountain, about 800 ft. high, bears E. and W. As it is impossible to project a line over this mountain, I commence at a point, West, 40.77 chs. dist. from the cor. of secs. 34 and 35, and run on offset line as follows.

N. $0^{\circ}01'$ W., 40.00 chs. dist. At beginning of this course, descend gradually along broken W. slope of spur, through scattered timber and dense undergrowth.

At 19.20 chs. on this course, is gulch, 290 ft. below spur, drains SW., about 20.00 chs. to Timber Canyon. Ascend gradual S. and SE. slopes.

At 39.00 chs. on this course, is low rise, 265 ft. above gulch, bears NW. and SE.; descend gradual E. slope.

thence:

East, 40.77 chs. dist., over numerous small spurs and gulches projecting and draining S. to:

40.00 Point on true line, which is N. $0^{\circ}01'$ W., 40.00 chs. dist. from the cor. of secs. 34 and 35.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of secs. 34 and 35, with brass

Chains

cap marked

834 | 835

1931

from which:

A juniper, 16 ins. diam., bears N. $69^{\circ}45'$ E., 44 lks. dist., marked \dagger 835 BT.

A juniper, 6 ins. diam., bears N. $79^{\circ}30'$ W., 136 lks. dist., marked \dagger 834 BT.

Cor. set on rocky S. slope, 4.00 chs. N. of bottom of gulch drains W., and heads E., about 30.00 chs. dist. From cor., high inaccessible ledges at N. base of an inaccessible island mountain, bears S., about 10 chs. dist. Base of mountain, bears S. 70° W. and N. 70° E. About 30.00 chs. dist. to the N. of this cor. is the top of sharp red sandstone ridge, about 1500 ft. high, bears E. and W., and approximately 20.00 chs. N. of cor. is the S. base of ridge, which is nearly perpendicular and about 500 ft. high. As it is impossible to project a line over this portion of the mile, I offset from the \dagger sec. cor. as follows.

West, 40.77 chs. dist., thence:

N. $32^{\circ}30'$ E., 37.86 chs. dist.; At end of this course top of high ridge, bears W., and E., about 2.00 chs. dist. to base of high ledge on W. point of ridge from the E. Thence:

N. $30^{\circ}00'$ E., 24.56 chs. dist. At 9.32 chs. dist. on this course, leave point, which is N. 80.00 chs. and W., 15.76 chs. from the true point for cor. of secs. 26, 27, 34, and 35. Impossible to reach true cor. point.

At 23.30 on this course, is small seep in bottom of South Fork Dry Creek Canyon, drains W. Thence:

S. $69^{\circ}45'$ E., 8.86 chs. dist. to:

82.70 Point on true line, 9.70 chs. N. $0^{\circ}01'$ W., from the

true point for the cor. of secs. 26, 27, 34, and 35.

The true point for the cor. of said secs, falls on N. face of high ledges facing N., about 1000 ft. high, where it is impossible to reach the cor. point, therefore at this point.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Set an iron post; 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 26, 27, 34, and 35, with brass cap marked

T38S	R12W
S27	S26
S34	S35
WC	

1931

from which:

A maple, 5 ins. diam., bears S. 89° E., 45 lks. dist., marked WC T38S R12W S26 BT.

A boxelder, 6 ins. diam., bears S. 1° E., 23 lks. dist., marked WC T38S R12W S26 BT.

A boxelder, 9 ins. diam., bears S. 67° W., 23 lks. dist., marked WC T38S R12W S27 BT.

An oak, 6 ins. diam., bears N. 7°30' W., 76 lks. dist., marked WC T38S R12W S27 BT.

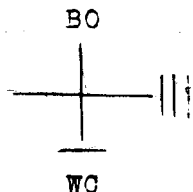
Cor. set in level bottom of South Fork of Dry Creek

Canyon, about 1.50 chs. N. of wash in canyon, drains

N. 70° W. About 3.00 chs. N. from this cor. is base of inaccessible ledge, faces S., bears S. 80° E, and N. 80° E. about 6.00 chs. dist. thence N.

At a point, S. 0°01' E., 3.69 chs. dist., from this cor.,

I mark the following marks on the face of a ledge.



Land, broken and mountainous, with a general westerly exposure; general southwesterly drainage into Timber Creek, and northwesterly into South Fork of Dry Creek Canyon.

Soil, shallow clay; sand, and gravelly loams; with rock; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, maple; and buck brush.

Timber, juniper, pinon, and a few yellow pines.

Poor grazing land.

Chains

ending

East, on random line, bet. secs. 26 and 35.
As the true point for the cor. of secs. 26, 27, 34, and 35, falls on inaccessible land, I commence at the witness cor. to the cor. of said secs., which is N. 0°01' W., 9.70 chs. dist. from the true point for cor.

Inaccessible ledges makes it impossible to run E. from this cor., I therefore run on traverse line as follows:

- S. 66°45' E., .44 chs. dist., thence:
- S. 77°15' E., 26.21 chs. dist., thence:
- S. 32°30' E., 5.49 chs. dist., thence;
- S. 67°00' E., 5.41 chs. dist., thence:
- N. 85°00' E., 3.62 chs. dist., thence:

South, 30 lks. dist. to:

40.00 Point 40.00 chs. East, and 93 lks. N. of the true point for the cor. of secs. 26, 27, 34, and 35.

High vertical ledges on the N. breaks of the South Fork of Dry Creek Canyon, make it impossible to project my line to the E. of this point, and high inaccessible red sandstone ledge makes it impossible to reach the true point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35.

Therefore at this point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, with brass cap marked

S26
 $\frac{1}{4}$
 S35
 WC

1931

from which:

A boxelder, 8 ins. diam., bears N. 11° E., 77 lks. dist., marked WC $\frac{1}{4}$ S26 BT.

A boxelder, 8 ins. diam., bears N. 1930' W., 46 lks. dist., marked WC $\frac{1}{4}$ S26 BT.

A point on face of sandstone ledge, marked WC X-B0, bears South, 3 lks. dist.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Cor. set at base of sandstone wall, about 1000 ft, high, bears N. 85° E., about 6.00 chs., thence SE., and S, 85° W., 4.00 chs. dist., thence NW. Cor. is 275 ft. above the witness cor. to the cor. of secs. 26, 27, 34, and 35, and is on S. side of bottom of South Fork of Dry Creek Canyon, W. From cor., N. wall of canyon bears N., about 6.00 chs. dist. Dense grove of boxelder trees in bottom of canyon at this point.

Thence:

On traverse line from this cor., to the witness cor. to the cor. of secs. 26, 27, 34, and 35, to verify courses and distances, Line follows along the bottom of the South Fork of Dry Creek Canyon.

North, 30 lks. dist., thence:

S. $85^{\circ}00'$ W., 3.62 chs. dist., thence:

N. $67^{\circ}00'$ W., 5.41 chs. dist., thence:

N. $62^{\circ}30'$ W., 5.49 chs. dist., thence:

N. $77^{\circ}15'$ W., 26.21 chs. dist., thence:

N. $66^{\circ}45'$ W., 44 lks. dist. to:

40.00 The witness cor. to the cor. of secs. 26, 27, 34, and 35.

Land, broken and mountainous, cut by deep canyons and vertical sandstone ledges. General northerly and southerly exposures and westerly drainage by South Fork of Dry Creek Canyon.

Soil, shallow clay, sand, and gravelly loams, with rock; sandstone formation; 4th rate.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, boxelder and fir in bottom of South Fork of Dry Creek Canyon.

Poor grazing.

N. $0^{\circ}01'$ W., bet. secs. 26 and 27.

As the true point for the cor. of secs. 26, 27, 34, and 35,

SUBDIVISION OF, T. 36 S., R. 12 W.

Chains

anted 0

falls on inaccessible ground, where it is impossible to reach the true cor., point, I commence at the witness cor. to the cor. of said secs., which is N. 0°01' W., 9.70 chs. dist. from the true cor. point.

The line to the N. of this cor., passes over high vertical ledges and the W. point of a high ridge, over which I am unable to project my line, I therefore run on traverse line from the witness cor. as follows. Line follows along the N. side of bottom of South Fork of Dry Creek Canyon.

N. 66°45' W., 3.86 chs. dist., thence:

N. 0°01' W., 22.68 chs. dist. At 18.90 chs. on this course, top of ridge, 510 ft. above cor. bears N. 80° W., S. 80° E., about 3.00 chs. dist. to high ledge, bears S. 10° E. and NE. Thence:

East, 3.14 chs. dist., thence:

South, 63 lks. dist. to:

35.20 Point on true line:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs 25 and 27, with brass cap marked

W C
 $\frac{1}{4}$
 S27 | S26
 1931

from which:

A yellow pine, 24 ins. diam., bears N. 63°30' E., 2 lks. dist., marked WC $\frac{1}{4}$ S26 BT.

A yellow pine, 26 ins. diam., bears N. 28° W., 16 lks. dist., marked WC $\frac{1}{4}$ S27 BT.

A point on N. face of ledge, 600 ft. high, bears E. and W. marked X BC, bears South, 15 lks. dist.

True point for the $\frac{1}{4}$ sec. cor. falls on abrupt N. slope of surfacerock, where it is impossible to set cor.

From the witness cor., G.O. Larson's cabin, bears N. 40°00' W., about 29.00 chs. dist.

Arthur Fife's cabin, bears N. 27° E., 48.00 chs. dist.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

The junction of the North Fork and Middle Fork of Dry Creek Canyon, bears N. $37^{\circ}30'$ W., 26.00 chs. dist.

35.88 The high inaccessible W. point of a ridge to the N. of this point makes it impossible to run on true line, I therefore run on offset and traverse lines as follows.

West, 8.14 chs. dist., thence:

N. $11^{\circ}00'$ E., 28.61 chs. dist.: At 50 lks. on this course is top of vertical ledge, 200 ft. high, bears E. and W.

At 16.80 chs., is bottom of Middle Fork of Dry Creek Canyon, 755 ft. below top of ledge, drains N. 70° W. Small stream of water, 2 lks. wide, in bottom of canyon.

At end of course, top of ascent on W. slope, 370 ft. above canyon, bears W., and E., 2.00 chs. dist. to base of ledge, 400 ft. high, at W. end of ridge. Ledge bears NE. and SE. Thence:

N. $9^{\circ}07'$ E., 16.25 chs. dist. At 14.70 chs. on this course, bottom of North Fork of Dry Creek Canyon, 300 ft. below top of ascent, drains S. 40° W. from E. Small stream of water, 2 lks. wide, in bottom of canyon. Thence:

East, 10 lks. dist. to:

80.00 True point for the cor. of secs. 22, 23, 26, and 27.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T388	R12W
S22	S23
S27	S26

1931

from which:

A yellow pine, 24 ins. diam., bears N. 37° E., 207 lks. dist., marked T388 R12W S23 BT.

A cottonwood, 5 ins. diam., bears S. $56^{\circ}30'$ E., 67 lks. dist., marked T388 R12W S26 BT.

A red cedar, 3 ins. diam., bears S. $72^{\circ}30'$ W., 60 lks. dist., marked T388 R12W S27 BT.

A juniper, 14 ins. diam., bears N. $10^{\circ}45'$ W., 132 lks. dist., marked T388 R12W S22 BT.

SUBDIVISION OF, T33S R12E S12 W.

Chains

acres 0

Cor. set at N. edge of level bottom of canyon, 10 ft. above stream.

Land, rough and mountainous; broken by high inaccessible ledges and deep canyons; general westerly exposure and drainage.

Soil, shallow sandy loam with rock; sandstone formation; 4th rate.

Undergrowth, oak, maple, service, choke-cheery, and buck brush.

Timber, juniper, pinon, and yellow pine; cottonwood and boxelder in bottoms of canyons.

Fair grazing land.

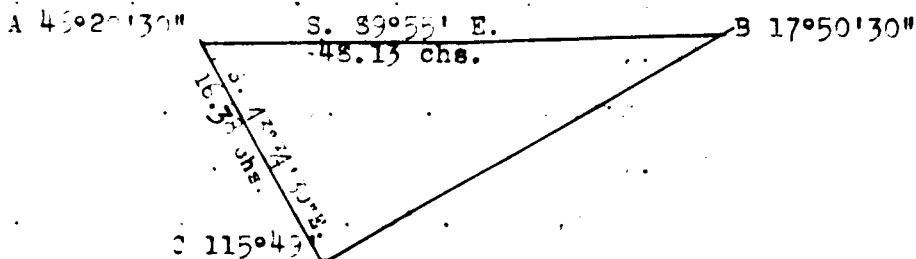
East, on random line bet. secs. 23 and 26.

39.28 Leave point.

39.40 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

The line to the E. of this point passes over inaccessible ledges over which chaining is impossible, I therefore determine the distance by triangulation as follows.

Erect flag A at the 39.28 chs. point. From A, survey base line AC, S. $43^{\circ}34'30''$ E., 16.38 chs. dist. From C, a flag left 7.25 chs. E. of the true point for the cor. of secs. 23, 24, 25, and 26, which I designate B, subtends an angle of $115^{\circ}49'$. From A, B, bears S. $39^{\circ}55'$ E. All angles and bearing checked by repetition and base line double chained.



Distance on line	39.28 chs.
Distance by triangulation	48.13 chs.
	<u>87.41 chs.</u>
Distance from cor. point to B.	7.25 chs.
	<u>80.16 chs.</u>

The course of the line bet. secs. 23 and 26, therefore is

Chains

S. $89^{\circ}57'$ E., and the distance is 80.16 chs.

Thence:

From the true point for the cor. of secs. 23, 24, 25, and 26, which is West, 8.24 chs. dist. from the witness cor. to the cor. of said secs.

N. $89^{\circ}57'$ W., on true line, bet. secs. 23 and 26.

Descend gradually along broken W. slope of ledges, which are broken by deep fissures and sandstone outcroppings, through scattered timber and undergrowth.

40.08 True point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 26, falls on broken E. slope of ledge, where it is impracticable to set a cor.

40.76 On top of low spur, 1565 ft. below E. point of triangulation, projects S. 30° W., 2.00 chs. dist. to end.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 23 and 26, with brass cap marked

$$\begin{array}{r} S23 \\ \frac{1}{4} \text{ --- } WC \\ S26 \end{array}$$

1931

from which:

A juniper, 14 ins. diam., bears N. 44° W., 37 lks. dist., marked WC $\frac{1}{4}$ S23 BT.

A pinon, 8 ins. diam., bears S. $33^{\circ}30'$ E., 127 lks. dist., marked WC $\frac{1}{4}$ S26 BT.

Cor. set about 4.00 chs. N. of the bottom of North Fork of Dry Creek Canyon, which drains W.

Thence along broken S. slope of canyon, through scattered timber and dense undergrowth; descend abrupt rocky W. slope.

45.50 Draw, 175 ft. below spur, drains S. 30° W., 4.00 chs. dist. to canyon; ascend abrupt SE. slope.

49.90 Top of rise on S. slope, 50 ft. above draw, bears N. and S.; descend along broken general S. slope.

SUBDIVISION OF T. 38 S., R. 12 W.

Chains	
56.60	Sandstone ledge facing W., 75 ft. high, bears N., and S., 1.50 chs. dist. to end.
63.10	Draw, 225 ft. below top of rise, drains SW., 2.00 chs. dist. to canyon; and heads ^{N.} about 4.00 chs. dist. at base of ledges; ascend gradually over ledgy SE. slope.
68.35	Top of rise on S. slope, 80 ft. above draw, bears N. and S.; descend gradually along broken S. slope.
79.70	Gulch, 160 ft. below top of rise, drains S., 30° W., 1.00 chs. dist. to canyon. Thence along N. side of canyon.
80.16	The cor. of secs. 22, 23, 26, and 27. Land, broken and mountainous, with a general southerly exposure and drainage into North Fork of Dry Creek Canyon. Soil, shallow sand and gravelly loam, with rock; sandstone formation; 3rd rate. Undergrowth, sage, oak, maple, service, and buck brush. Timber, juniper, pinon, yellow pine and fir; a few cottonwood and boxelder along bottom of canyon. Fair grazing land.
	<hr/>
	N. 0° 01' W., bet. secs. 22 and 23. Ascend gradually along E. slope of canyon bottom, through medium dense timber and undergrowth.
2.40	Gulch, 5 ft. above sec. cor., drains S. 20° E., from NW.; ascend abrupt rocky SW. slope.
11.40	Top of ascent on W. slope, 250 ft. above sec. cor., slopes W., and bears E., about 2.00 chs. dist. to base of high ledges bearing N. 20° E. and SE. Descend abrupt NW. slope.
20.40	Recross same gulch, 130 ft. below top of ascent, drains S. 30° W.; ascend abrupt ledgy SE. slope.
28.50	Rocky outcropping, 240 ft. above gulch, projects E., 4.00 chs. dist. to end, and bears NW. Descend gradual E. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
30.00	N. base of outcropping, bears E. and W.; thence across small basin, through very dense undergrowth.
35.00	Ledge, 100 ft. high, faces S. and bears NW. and SE.; ascend gradually over ledgy E. slope.
39.40	On rocky E. slope, 215 ft. above basin. Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor. of secs. 22 and 23, with brass cap marked
	<div style="text-align: center;"> WC $\frac{1}{4}$ S22 | S23 1931 </div>
	from which:
	A pinon, 14 ins. diam., bears S. $75^{\circ}45'$ E., 33 lks. dist., marked WC $\frac{1}{4}$ S23 BT.
	A yellow pine, 14 ins. diam., bears N. 79° W., 121 lks. dist., marked WC $\frac{1}{4}$ S22 BT.
40.00	True point for the $\frac{1}{4}$ sec. cor. falls on sloping surface-rock, where it is impracticable to set a permanent cor. At this point, mark a large cross on the surfacerock.
40.20	Small depression in surfacerock, drains SE., about 4.00 chs. to gulch. Ascend abrupt S. slope over broken ledges.
49.30	Top of high rocky ridge, 560 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., and 1160 ft. above sec. cor., bears N. 40° E. and S. 40° W. Descend abrupt rocky W. and NW. slopes.
53.25	Depression on W. slope, 150 ft. below ridge, drains W.; ascend along W. slope.
57.20	Rocky point on W. slope, 240 ft. above depression, projects W.; descend abrupt ledgy NW. slope.
58.80	Gulch, 400 ft. below rocky point, drains SW.; thence ascend gradually along rolling W. slope through dense undergrowth.
61.20	Small ravine, 20 ft. deep, drains SW.; continue along W. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

79.60 Begin of rise on W. slope, 30 ft. above gulch, bears E. 0° and W.; descend gradual NW. slope.

80.00 On NW. slope, in S. edge of dense timber. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T38S	R12W
S15	S14
S22	S23

1931

from which:

A pinon, 7 ins. diam., bears N. 44°30' E., 171 lks. dist., marked T38° R12W S14 BT.

A pinon, 7 ins. diam., bears S. 67°30' E., 169 lks. dist., marked T38S R12W S23 BT.

A juniper, 6 ins. diam., bears S. 43° W., 53 lks. dist., marked T38S R12W S22 BT.

A pinon, 13 ins. diam., bears N. 45°30' W., 90 lks. dist., marked T38S R12W S15 BT.

Land, broken and mountainous, with a general southerly exposure and drainage.

Soil, shallow loose sand, and gravelly loams, with rock; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, buck, maple, and manzanita brush.

Timber, juniper, pinon, fir, and yellow pine.

Fair grazing land.

S. 89°57' E., on random line, bet. secs. 14 and 23.

High inaccessible ledges to the E. from the cor. of secs.

14, 15, 22, and 23, make chaining impracticable, I

therefore determine the distance by triangulation as

follows. Erect flag A at this point and flag B on line

to the E. From A, survey base line, AG, N. 0°01' W.,

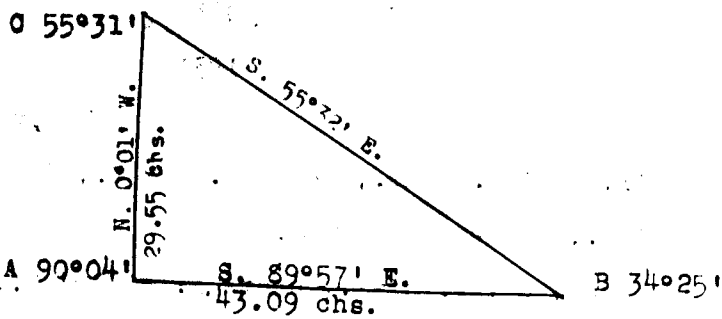
29.55 chs. dist. From C, B bears S. 55°32' E. All

angles checked by repetition and base line double

SUBDIVISION OF T. 38 S. R. 12 W.

Chains

chained.



Distance by triangulation, 43.09 chs.

- 43.09 To point B of triangulation; set temp. witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 14 and 23.
- 50.16 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 13, 14, 23, and 24.
- Thence:
- N. 89°54' W., on true line, bet. secs. 14 and 23.
- Descend abrupt W. slope of broken mountainous land, through dense aspen and choke-cherry undergrowth.
- 4.50 Leave aspen, bears N. and S.; continue through dense tall undergrowth.
- 11.20 Trail, bears NE., and S. 30° W., about 6.00 chs. dist. to small seep of good water.
- 13.60 Grey limestone rim, 50 ft. high, faces W., 335 ft. below cor., bears N. 20° E. and S. 80° W. Descend abrupt broken N. slope.
- 22.50 Head of gulch, 550 ft. below sec. cor., drains N. 20° W.; continue along abrupt N. slope.
- 29.50 Head of draw, drains N. Enter scattered fir timber, bears N. and S.
- 32.70 Spur, 590 ft. below sec. cor., projects N., and bears S. about 6.00 chs. dist. to rim of mountain, bearing E. and W.; descend abrupt W. slope.
- 37.07 On abrupt W. slope, 165 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 14 and 23, with brass cap marked

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

WC $\frac{1}{4}$ $\frac{S14}{S23}$

1931

from which:

A fir, 30 ins. diam., bears S. 12° W., 20 lks.

dist., marked WC $\frac{1}{4}$ S23 BT.

A balsam, 8 ins. diam., bears N. 80°30' W., 75 lks.

dist., marked WC $\frac{1}{4}$ S14 BT.

40.03 True point for the $\frac{1}{4}$ sec. cor. falls on abrupt ledgy W. slope, where it is impracticable to set cor.

46.00 Approximate distance; gulch near head, 300 ft. deep, drains N. 20° W.; thence along abrupt ledgy N. slope.

60.00 Approximate distance; ledgy ridge on abrupt N. slope, 500 ft. below spur at the 32.70 chs. point, bears NW., and SE. about 6.00 chs. dist. to point on top of mountain. Descend abrupt W. slope of series of inaccessible ledges.

76.00 Approximate distance; base of abrupt descent and ledge, bears N. and S.; descend gradual W. slope.

80.16 The cor. of secs. 14, 15, 22, and 23, 1235 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor.

Land, rough and mountainous, broken by high inaccessible ledges and sandstone outcroppings; general northerly and westerly exposure and drainage.

Soil, dark gravelly and rocky mountain loam; limestone, shale, and sandstone formation; 3rd rate.

Undergrowth, oak, service, buck, manzanita, choke-cherry, and sage brush.

Timber, juniper, pinon, and fir on W. portion; scrub aspen on E. end of mile.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Descend gradual NW. slope of broken mountainous land, through scattered timber and dense undergrowth.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- 1.00 Small draw, 10 ft. below cor., drains W.; ascend abrupt rocky S. slope.
- 6.60 Low ridge, 155 ft. above draw, bears E. and W.; descend gradual N. slope.
- 10.35 Draw, 110 ft. below ridge, drains W.; ascend abrupt rocky S. slope.
- 29.55 Top of high rocky point on ridge, 560 ft. above draw, bears W., about 2.00 chs. dist., thence N., and E., about 2.00 chs. dist., thence S. 30° E.; descend along abrupt rocky NE. slope.
- 40.00 On abrupt E. slope at base of descent, 250 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$

S15	S14
-----	-----

 1931
- from which:
- A pinon, 10 ins. diam., bears S. 79°15' E., 33 lks. dist., marked $\frac{1}{4}$ S14 BT.
- A pinon, 10 ins. diam., bears N. 69°30' W., 30 lks. dist., marked $\frac{1}{4}$ S15 BT.
- Thence ascend along broken E. slope.
- 49.00 Top of rocky point, 140 ft. above $\frac{1}{4}$ sec. cor., projects NE., and bears SW., about 3.00 chs. to ridge; descend abrupt rocky N. slope.
- 51.70 Top of ledge, 100 ft. high, faces N., bears NE. and SW.
- 54.30 Gulch, near head, 270 ft. below rocky point, drains N. 20° E.; continue along abrupt rocky E. slope.
- 62.70 Gulch, 625 ft. below rocky point, drains N. 30° E.; ascend gradually along broken E. slope.
- 70.90 Low spur, 65 ft. above gulch, projects N. 20° E.; descend abrupt N. slope.
- 74.40 Draw, 125 ft. below spur, drains N. 30° E.; continue

Chains

10000

descent along broken E. slope, 175 ft. below spur.

80.00 On broken E. slope, 175 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T38S	R12W
S10	S11

S15	S14
-----	-----

1931

from which:

A pinon, 12 ins. diam., bears N. 79° E., 37 lks.

dist., marked T38S R12W S11 BT.

A pinon, 12 ins. diam., bears S. 42°30' E., 9 lks.

dist., marked T38S R12W S14 BT.

A pinon, 6 ins. diam., bears S. 54°30' W., 95 lks.

dist., marked T38S R12W S15 BT.

A pinon, 16 ins. diam., bears N. 60°30' W., 12 lks.

dist., marked T38S R12W S10 BT.

Land, rough and mountainous; general southwesterly and northeasterly exposures and drainage.

Soil, shallow sand and clay loams with rock; sandstone and limestone formations; 3rd and 4th rates.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, juniper and pinon.

Fair grazing land.

S. 89°54' E., on random line, bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 11, 12, 13, and 14.

Thence:

West, on true line, bet. secs. 11 and 14.

Ascend ledgy SE. slope of mountainous land, through scattered timber and undergrowth.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- 2.10 Top of sandstone point, 110 ft. above cor., projects S.; descend abrupt W. slope over ledges.
- 4.30 Gulch, 210 ft. below point, drains S. 20° W., about 10.00 chs. dist. to Camp Creek Canyon. Ascend abrupt E. slope over ledges.
- 7.00 Narrow sandstone spur, 200 ft. above gulch, projects S., about 5.00 chs. dist. to end; descend abrupt W. slope.
- 10.20 Sandstone gulch, 165 ft. below spur, drains S. 10° W.; ascend abrupt ledgy E. slope.
- 11.80 Top of narrow ledge spur, 115 ft. above gulch, projects S.; descend abrupt ledgy W. slope.
- 14.00 Sandstone gulch, 235 ft. below spur, drains S.; ascend abrupt E. slope over ledges.
- 16.00 Narrow rocky spur, 140 ft. above gulch, projects S.; descend over high vertical ledge on W. slope.
- 21.80 Wash, 30 lks. wide, 3 ft. deep, in Camp Creek Canyon, 405 ft. below spur, drains N. 60° W.; ascend abruptly over ledgy E. slope.
- 30.40 Top of high sharp ledge spur, 430 ft. above canyon, projects N. 30° E., about 6.00 chs. dist. to end; descend abrupt W. slope over ledges.
- 36.10 Bottom of gulch, 355 ft. below spur, drains W., 5.00 chs. dist. to canyon; ascend abrupt E. slope.
- 40.10 On abrupt ledgy E. slope, 110 ft. above gulch.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S11}{S14}$

1931

from which

A pinon, 14 ins. diam., bears N. 30°15' E., 117 lks. dist., marked $\frac{1}{4}$ S11 BT.

A pinon, 12 ins. diam., bears S. 29°15' E., 48 lks. dist., marked $\frac{1}{4}$ S14 BT.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
42.30	Narrow ledge spur; 100 ft. above the $\frac{1}{4}$ sec. cor., projects N., 50 lks. dist. to end; descend abrupt W. slope over ledges.
43.25	Base of ledges and abrupt descent, bears N. and S.; thence along gradual N. slope through dense undergrowth
47.60	Gulch; 300 ft. below spur, drains N., about 4.00 chs. dist. to Camp Creek. Ascend abrupt E. slope over ledge
53.60	Sandstone spur, 200 ft. above gulch, projects N., 1.00 chs. dist. to end; descend abrupt W. slope over ledges.
54.50	The W. base of spur and ledges, bears N. and S.; thence along abrupt N. slope.
66.00	Bottom of gulch, 250 ft. below spur, drains N., 1.00 chs. dist. to Camp Creek Canyon; ascend abrupt E. slope.
75.00	Low spur, 150 ft. above gulch, projects NE.; descend gradual W. slope.
77.30	Draw, 15 ft. below spur, drains N. 20° E.; ascend abrupt rocky E. slope.
80.20	The cor. of secs. 10, 11, 14, and 15, 130 ft. above draw. Land, rough and mountainous, with sandstone spurs and gulches; N. and S. exposures into Camp Creek Canyon; drainage, W. Soil, shallow sandy and gravelly loams with rock; sandstone formation; 3rd rate. Undergrowth, sage, oak, service, maple, manzanita, and choke-cherry brush. Timber, juniper, pinon, and a few scattered yellow pine and fir; boxelder and yellow pines along bottom of Camp Creek Canyon. Good grazing land.
	N. 0°01' W., bet. secs. 10 and 11. on random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temporary cor. of secs. 2 and 11 only.
83.39	Fall 23 lks. E. of the point for the cor. of secs. 3 and 10, hereinafter described.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Thence; from the cor. of secs. 10, 11, 14, and 15.
N. 0°10' W., on true line, bet. secs. 10 and 11.

Descend abrupt broken N. slope of mountainous land, through
medium dense timber and undergrowth.

8.60 Camp Creek Canyon, 350 ft. below cor., drains N. 70° W.;
small stream of water, 1 lk. wide, 2 ins. deep, in

bottom of canyon; ascend abrupt broken SE. slope, through
dense timber.

24.50 Rocky spur, 475 ft. above canyon, projects S. 30° W.;
descend along abrupt NW. slope.

30.00 Base of abrupt descent, bears NE. and SW.; thence
along broken W. slope.

40.00 On abrupt W. slope, 160 ft. below spur, and 30 lks. E. of
bottom of draw, drains S. 30° W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 11 only, with
brass cap marked

$\frac{1}{4}$ S11

1931

from which:

A pinon, 9 ins. diam., bears N. 18°15' E., 22 lks.
dist., marked $\frac{1}{4}$ S11 BT.

A pinon, 6 ins. diam., bears S. 43° E., 20 lks.
dist., marked $\frac{1}{4}$ S11 BT.

43.75 Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains S. 30° W.;
ascend abruptly over rocky E. slope.

48.39 Southing of 40.00 chs. from the cor. of secs. 3 and 10;
on rocky SE. slope, 180 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground to bedrock and in a mound of stone to top,
for $\frac{1}{4}$ sec. cor. of sec. 10 only, with brass cap marked

$\frac{1}{4}$ S10

1931

from which:

A juniper, 6 ins. diam., bears S. 19° W., 23 lks.
dist., marked $\frac{1}{4}$ S10 BT.

SUBDIVISION OF, T. 38S, R. 12W.

Chains

ended

- A juniper, 3 ins. diam., bears N. $35^{\circ}15'$ W. 74 lks. dist., marked $\frac{1}{4}$ S10 BT.
- 62.50 Slope changes from SE. slope to abrupt S. slope, bears E. and W.
- 69.00 Ridge, 450 ft. above cor., bears SW. and N. 60° E.; descend abrupt N. slope through dense timber.
- 77.00 Enter clay and gypsum formation, timber and undergrowth becomes scattered, bears NE. and SW.
- 84.20 On abrupt W. slope, 300 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2 and 11 only, with brass cap marked

T38S
S2
S10
S11
R12W

1931

from which:

- A pinon, 16 ins. diam., bears N. 31° E., 10 lks. dist., marked T38S R12W S2 BT.
- A pinon, 12 ins. diam., bears S. 29° E., 61 lks. dist., marked T38S R12W S11 BT.
- Continue descent over abrupt broken W. slope of clay and gypsum formation.
- 84.00 Sharp clay sour, projects N. 80° W.
- 84.39 True point for the cor. of secs. 3 and 10, at the intersection of a line projected E. from the $\frac{1}{4}$ sec. cor. of secs. 3 and 10, and a line projected S. from the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township.
- True point for cor. falls on abrupt W. slope of surface rock where it is impossible to set a cor. Therefore, at a point, 20 lks. North, from the true cor. point. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 3 and 10, with brass cap marked

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

T38S	S2
S3	
S10	WC
R12W	

1931

from which:

A pinon, 8 ins. diam., bears S. 13° W., 56 lks.
dist., marked WC T38S R12W S10 BT.

A pinon, 10 ins. diam., bears N. 29° W., 204 lks.
dist., marked WC T38S R12W S3 BT.

Cor. set on abrupt W. slope, 260 ft. below last cor.

Land, rough broken and mountainous, with a general
northwesterly exposure and drainage.

Soil, shallow clay, sand, and gypsum, with rock; sand-
stone formation; 3rd rate.

Undergrowth, sage, oak, service, buck, manzanita, and
maple brush.

Timber, juniper, pinon, and a few scattered fir and
yellow pine.

Good grazing land.

From the cor. of secs. 2 and 11.

East, on random line, bet. secs. 2 and 11.

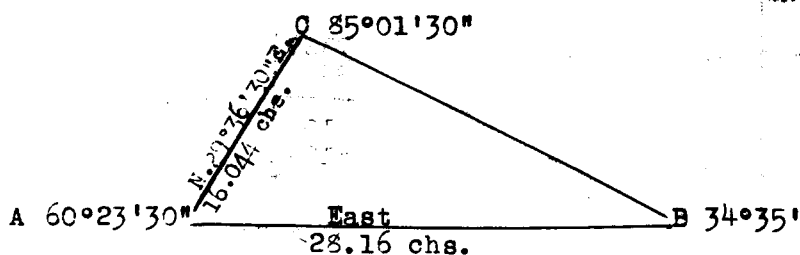
40.00 Set temp. $\frac{1}{4}$ sec. cor.

42.91 High inaccessible ledges on N. side of Spring Creek
Canyon, make chaining to the E. of this point impossible,
I therefore determine the distance by triangulation as
follows. Erect flag A at this point and flag B on line
E. From A, survey base line AC, N. $29^{\circ}36'30''$ E.,
16.044 chs. dist. From C, B subtends an angle of
 $85^{\circ}01'30''$ from A. All angles checked by repetition and
base line double chained.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

and



Distance on line	42.91 chs.
Distance by triangulation	28.16 chs.
	<u>71.07 chs.</u>

- 71.07 To point B of triangulation:
- 80.40 Fall 7 lks. S. of the true point for the cor. of secs. 1, 2, 11, and 12, which is South, 3.75 chs. dist. from the witness cor. to the cor. of said secs.
- Thence; from true cor. point:
- S. 89°57' W., on true line, bet. secs. 2 and 11.
- Ascend abrupt E. slope of ledge.
- 1.00 The S. point of rocky spur, 75 ft. above cor. point; descend abrupt W. slope over ledges, through scattered timber and undergrowth.
- 5.00 Bottom of steep rocky gulch, 150 ft. below point, drains S.; ascend abrupt E. slope over ledges.
- 9.33 Top of sandstone spur, 250 ft. above gulch, projects S.; descend abrupt W. slope over high inaccessible sandstone ledges.
- 22.00 Approximate distance; bottom of Spring Creek Canyon, 550 ft. below spur, drains NW.; ascend abrupt ledgy E. slope.
- 30.00 Approximate distance; top of N. point of ledgy spur, 400 ft. above canyon; descend abrupt rocky NW. slope.
- 38.60 Low spur on N. slope, projects N.
- 40.20 On abrupt rocky NW. slope, 300 ft. below spur at the 9.33 chs. point.
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S2
+
S11

1931

SUBDIVISION OF, T. 36 S., R. 12 W.

Chains	
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	No other suitable accessories available.
43.40	Draw, 30 ft. below cor., drains N.; ascend abrupt E. slope.
45.50	Timber becomes medium dense, bears N. and S.
53.80	Spur, 300 ft. above draw, projects N., and bears S. 15° W. Descend abruptly over N. and NW. slopes.
60.70	Draw, 135 ft. below spur, drains N.; ascend abrupt E. slope.
71.30	Spur, 250 ft. above draw, projects NE.; thence along rolling N. slope.
76.50	Enter clay and gypsum bed land formation, bears N. and S.; leave nearly all timber; descend abrupt N. slope.
80.40	The cor. of secs. 2 and 11, 240 ft. below spur. Land, rough and mountainous, general north and south exposures into Spring Creek canyon; drainage, NW. Soil, shallow clay and sand loams, with rock; sandstone formation; 3rd and 4th rates. Undergrowth, sage, oak, service, buck, and maple brush. Timber, juniper, pinon, and a few yellow pine; broader along bottom of canyon. Fair grazing.
	From the restored $\frac{1}{4}$ sec. cor. of secs. 3 and 10, heretofore described. East, on true line, bet. secs. 3 and 10. Ascend abrupt rocky W. slope of mountainous land, through medium dense timber and undergrowth.
11.00	Spur, 200 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradual NE. slope.
15.60	Draw, 155 ft. below spur, drains N., 3.00 chs. dist., thence NW.; ascend abrupt NW. slope.
18.00	Top of rise on N. slope, 100 ft. above draw, bears N. and S.; descend gradually along N. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
25.50	Head of draw, 20 ft. below top of rise, drains NW.; ascend gradual W. slope.
27.30	Ridge, 20 ft. above head of draw, bears N. and S.; descend abrupt E. slope.
33.00	Gulch, 75 ft. below ridge, drains NE.; enter blue clay and gypsum bad land formation; ascend abrupt W. slope. true point for
40.51	The cor. of secs. 3 and 10, 75 ft. above gulch. Land, broken and mountainous; general easterly and westerly exposures and drainage. Soil, shallow sand, clay, and gravelly loams, with rock; limestone formation; blue clay and gypsum formation on E. portion of half mile. Undergrowth, sage, oak, service, buck, and manzanita brush. Timber, juniper and pinon. Fair grazing land.

From the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township, heretofore described.

South, on true line, bet. secs. 2 and 3.

Ascend gradually along W. slope of broken mountainous land through medium dense timber and scattered undergrowth.

12.20 Top of ascent on abrupt W. slope, 125 ft. above cor., bears E. and W.; descend along abrupt W. slope.

20.40 Draw, 119 ft. below top of ascent, drains W.; ascend gradually along W. slope.

22.30 Top of low rise on W. slope, 50 ft. above draw, slopes N., and bears E., about 8.00 chs. dist. to top; descend gradually along SW. slope.

22.70 On gradual SW. slope, 10 ft. below top of rise.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots Nos. 4 and 5, sec. 2, with brass cap marked

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

4
5 S2

1931

from which:

A juniper, 10 ins. diam., bears N. $33^{\circ}30'$ E., 56 lks.
dist., marked S2 L4 BT.

A piñon, 14 ins. diam., bears S. $80^{\circ}45'$ E., 20 lks.
dist., marked S2 L5 BT.

25.90 Depression on W. slope, 20 ft. below cor., drains
N. 60° W.; ascend abrupt N. slope.

31.50 Ridge, 140 ft. above depression, bears W., about 3.00
chs. dist., thence S., and E., about 3.00 chs. dist.,
thence N.; descend abrupt SE. slope.

49.50 Mouth of draw, drains S. 20° W. from N. 20° E.; continue
descent.

51.50 Enter bottom of Spring Creek Canyon, bears N. 70° W. and
S. 70° E.; thence across open bottom of cany n.

52.40 Small seep of good water in wash, 100 lks. wide, 10 ft.
deep, in bottom of Spring Creek Canyon, 340 ft. below
ridge, drains N. 70° W.; ascend gradually along open
bottom of canyon.

52.70 Dim road, bears E. and W.

53.52 In open bottom of canyon, proportionate point,
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass
cap marked

$\frac{1}{4}$ S3

1931

from which:

A juniper, 6 ins. diam., bears N. $13^{\circ}15'$ W., 225 lks.
dist., marked $\frac{1}{4}$ S3 BT.

No other suitable bearing tree available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.

58.00 Leave bottom of canyon and ascend abrupt NE. slope, through

SUBDIVISION OF, T. 34 S., R. 12 W.

Chains

dense undergrowth, bears W. and SE.

62.70 On abrupt brush NE. slope, 190 ft. above canyon; north
of 40.00 chs. from the cor. of secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground to solid rock and in a mound of stone to top
for $\frac{1}{4}$ sec. cor. of sec. 2 only, with brass cap marked

$\frac{1}{4}$ S2

1931

Raise a mound of stone, 2 ft. base, $\frac{1}{4}$ ft. high, E. of
cor.

65.70 Top of abrupt ascent, 100 ft. above cor., bears E. and
SW.; thence ascend gradual E. slope, through scattered
timber.

73.70 Top of ascent on E. slope, 160 ft. above cor., bears
E. and W.; descend along abrupt SE. slope.

84.60 Gulch, 110 ft. below top of ascent, drains NE.; enter
blue clay and gypsum formation, bears NE. and SW.;
descend along abrupt broken W. slope.

94.11 The witness cor. to the cor. of secs. 3 and 10.

94.31 The true point for the cor. of secs. 3 and 10, 160 ft.
above gulch.

Land, broken and mountainous; general westerly and north-
easterly exposures and drainage.

Soil, shallow clay and gravelly loams with rock; sand-
stone and limestone formations; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck
brush.

Timber, juniper and pinon.

Fair grazing land.

From the cor. of secs. 33 and 34, on the S. bdy. of the
township, heretofore described.

N. 0°01' W., bet. secs. 33 and 34.

Ascent gradual over general E. slope of broken mountains

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
	land, through scattered timber and dense undergrowth.
4.00	Small ravine, 20 ft. deep, drains S. 10° E.; continue ascent.
10.00	Top of rise on E. slope, 200 ft. above cor., bears E. and W.; continue ascent over rolling E. slope.
18.20	Small ravine, 25 ft. deep, drains S. 70° E.; continue ascent.
22.00	Top of rise on E. slope, bears NW. and SE.; continue ascent.
38.20	Small draw, 35 ft. deep, drains S. 80° E.; continue ascent.
40.00	On gradual E. slope, 405 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S33 | S34 1931 Deposit a limestone, 10 x 6 x 6 ins., at base of post, marked with a cross (X). No suitable bearing trees available. Continue ascent along E. slope.
46.20	Shallow swale on E. slope, drains S. 70° E.; continue ascent along SE. slope.
54.60	Flat top of spur, 180 ft. above $\frac{1}{4}$ sec. cor., projects S. 70° E., about 10.00 chs. dist. to end; descend gradually along E. slope.
65.10	Ridge, 35 ft. below spur, bears N. 50° E., and S. 70° W. about 10.00 chs. dist. to high point, thence S.; descend abrupt N. slope.
73.10	Draw, 335 ft. below ridge, drains NE.; thence descend along E. slope.
80.00	On abrupt E. slope, 385 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock and in a mound of stone to top,

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T38S	R12W
S28	S27
S33	S34

1931

from which:

A pinon, 4 ins. diam., bears N. $67^{\circ}45'$ E., 50 lks. dist., marked T38S R12W S27 BT.

A juniper, 6 ins. diam., bears S. 71° W., 34 lks. dist., marked T38S R12W S33 BT.

A juniper, 7 ins. diam., bears N. $83^{\circ}15'$ W., 44 lks. dist., marked T38S R12W S28 BT.

No suitable bearing tree available. in sec. 34.

Land, broken and mountainous; general southeasterly and northeasterly exposures and drainage.

Soil, shallow sand, clay, and gravelly loams with rock; sandstone and limestone formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

64.34 Fall 2 lks. N. of temp. point left on traverse line of bet. secs. 34 and 35, which is West, 15.76 chs. dist. from the true point for the cor. of secs. 26, 27, 34, and 35. True point is S. $0^{\circ}01'$ E., 9.70 chs. dist. from the witness cor. to the cor. of said secs. The course of this line therefore is, S. $39^{\circ}59'$ E., and the distance is 80.10 chs.

Thence:

N. $89^{\circ}59'$ W., on true line, bet. secs. 27 and 34, counting distances from true point for cor. of secs. 27, 28, 33, and 34.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
	Descend along N. and W. faces of high inaccessible ledges.
15.20	Approximate distance; base of nearly vertical ledge, about 800 ft. below cor. point, bears N. 30° E. and S. 30° W.; descend abrupt W. slope through dense undergrowth.
17.80	Gulch, 75 ft. below base of ledge drains N.; ascend abrupt E. slope, through medium dense timber.
22.50	Rocky spur, 245 ft. above draw, projects N., and bears S., about 3.00 chs. dist. to ridge, bearing E. and W.; descend abrupt rocky W. slope.
31.00	Gulch, 260 ft. below spur, drains NW.; ascend abrupt E. slope.
34.60	Top of abrupt ascent, 75 ft. above gulch, bears N. and S.; thence along N. slope.
40.05	On gradual N. slope. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\begin{array}{r} S27 \\ \frac{1}{4} \hline S34 \\ 1931 \end{array}$ </div>
	<div style="text-align: right;">from which:</div> <p>A pinon, 10 ins. diam., bears N. 40° 30' E., 154 lks. dist., marked $\frac{1}{4}$ S27 BT.</p>
	No other suitable bearing tree available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor
40.60	Ridge, 5 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend abrupt W. slope.
48.20	Gulch, 145 ft. below ridge, drains S., and heads about 3.00 chs. N. at saddle in ridge. Trail in bottom of gulch. Ascend abrupt rocky E. slope, entering scattered yellow pine.
63.70	Narrow rocky ridge, 350 ft. above gulch, bears N. 55° E. and S. 55° W.; descend over ledge 65 ft. high, faces W.

SUBDIVISION OF T. 35 S., R. 12 W.

Chains	
64.00	Base of ledge and leave yellow pine timber, bears with ridge; descend abrupt brushy NW. slope.
75.00	Draw, 300 ft. below ridge, drains N. 30° E.; ascend abrupt E. slope.
80.10	The cor. of secs. 27, 28, 33, and 34, 150 ft. above draw. Land, broken and mountainous; general northerly exposure and drainage into South Fork of Dry Canyon. Soil, shallow sand, clay, and gravelly loams, with rock; sandstone formation; 3rd rate. Undergrowth, sage, oak, service, manzanita, maple and buck brush. Timber, juniper, pinon, fir, and yellow pine on portions of mile. Fair grazing land.
	N. 0°01' W., bet. secs. 27 and 28. Gradually ascend rolling E. slope of broken mountainous land through scattered undergrowth and dense timber.
1.20	Top of low rise, 10 ft. above cor., bears E. and W.; descend gradually along E. slope.
6.30	Depression on E. slope, 65 ft. below top of ascent, drains E.; gradually ascend along E. slope.
16.30	Spur, 40 ft. above rise, projects E., and bears W., about 4.00 chs. dist, thence S. 20° W.; descend abrupt N. slope.
30.00	Base of abrupt descent, bears E. and W.; descend gradually over rolling N. slope.
40.00	On gradual N. slope, 520 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28 | S27

1931

from which:

A juniper, 10 ins. diam., bears N. 31°30' E., 21 lks.
dist., marked $\frac{1}{4}$ S27 BT.

A juniper, 10 ins. diam., bears S. 88°30' W., 24 lks.
dist., marked $\frac{1}{4}$ S28 BT.

Continue gradual descent over rolling N. slope.

53.50 Small draw, 190 ft. below cor., drains NW.; continue gradual descent over rolling NW. slope.

61.80 Small seep of water in wash, 130 lks. wide, 10 ft. deep, in bottom of Dry Creek Canyon, 265 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope.

67.35 Small seep spring on S. slope, bears East, 2.00 chs. dist. Spring drains S.

70.30 Slope changes from S. slope to E.

75.80 Low spur, 210 ft. above canyon, projects S. 20° W.; thence ascend gradually along W. slope.

80.00 On gradual W. slope, 20 ft. above spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T38S	R12W
S21	S22
S28	S27

1931

from which:

A pinon, 7 ins. diam., bears N. 41° E., 163 lks.
dist., marked T38S R12W S22 BT.

A juniper, 12 ins. diam., bears S. 31°45' E., 26 lks.
dist., marked T38S R12W S27 BT.

A juniper, 7 ins. diam., bears S. 19°30' W., 35 lks.
dist., marked T38S R12W S28 BT.

A pinon, 5 ins. diam., bears N. 39°30' W., 20 lks.
dist., marked T38S R12W S21 BT.

Land, broken and mountainous; general northerly and southerly exposures and drainage into Dry Creek Canyon which drains W.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Soil, shallow sand, clay, and gravelly loams, with rock; sandstone and limestone formations; 3rd rate.

Undergrowth, sage, oak, manzanita, service, and buck brush.

Timber, juniper and pinon.

Fair grazing land.

S. 89°59' E., on random line, bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence:

West, on true line, bet. secs. 22 and 27.

Ascend gradually over SE. slope of broken mountainous land, through medium dense timber and undergrowth.

8.50 Top of S. point of spur, 175 ft. above cor.

From this point, G.O. Larson's cabin, bears S. 25° W., about 25.00 chs. dist. Thence descend abrupt SW. slope.

15.10 Draw, 150 ft. below point of spur, drains SE.; ascend abrupt broken SE. slope.

23.90 Small draw, 30 ft. deep, drains SE.; thence ascend abrupt E. slope.

30.60 Spur, 345 ft. above draw at 15.10 chs. point, projects S. 15° E. from the N.; descend abrupt ledgy W. slope.

37.80 Rocky gulch, 320 ft. below spur, drains S. 30° W., about 10.00 chs. dist. to Dry Creek Canyon; ascend abrupt rocky SE. slope.

40.05 On rocky SE. slope, 45 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S22

$\frac{1}{4}$ S27

1931

from which:

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- 4000 A juniper, 14 ins. diam., bears S. $27^{\circ}30'$ W., 24 lks. dist., marked $\frac{1}{4}$ S27 BT.
- 4000 A pinon, 14 ins. diam., bears N. 46° W., 9 lks. dist., marked $\frac{1}{4}$ S22 BT.
- Descend gradually along broken S. slope.
- 50.00 Small draw, 100 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend gradual SE. slope.
- 51.20 Low rocky spur, 20 ft. above draw, projects S. 20° E.; Descend gradual SW. slope.
- 57.20 Draw, 20 ft. below spur, drains S. 20° E.; ascend abrupt rocky E. slope.
- 63.90 Top of sharp ledge spur, 230 ft. above draw, projects S. 20° E., about 10.00 chs. dist. to end; descend abrupt W. slope over almost vertical ledges.
- 73.40 Draw, 420 ft. below spur, drains S. 10° E.; ascend gradual E. slope.
- 78.20 Low spur, 70 ft. above draw, projects S. 20° W.; descend gradual W. slope.
- 80.10 The cor. of secs. 21, 22, 27, and 28, 20 ft. below spur. Land, broken and mountainous, general southerly exposure and drainage into Dry Creek Canyon.
- Soil, shallow sand, clay, and gravelly loams, with rock; sandstone and limestone formations; 3rd rate.
- Undergrowth, sage, oak, manzanita, service, and buck brush.
- Timber, juniper and pinon.
- Fair grazing land.
-
- N. $0^{\circ}01'$ W., bet. secs. 21 and 22.
- Ascend gradually along abrupt ledgy W. slope of broken mountainous land, through medium dense timber and undergrowth.
- 16.00 Top of high point on W. slope, projects W., and bears E., 2.00 chs. dist. to high rim, 430 ft. above the

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

angle 20

sec. cor.; thence ascend more gradually along abrupt W. slope.

40.00 On abrupt ledgy W. slope, 700 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22
 1931

from which:

A pinon, 6 ins. diam., bears S. 31° E., 33 lks. dist., marked $\frac{1}{4}$ S22 BT.

A pinon, 6 ins. diam., bears S. $74^{\circ}45'$ W., 39 lks. dist., marked $\frac{1}{4}$ S21 BT.

Continue gradual ascent along abrupt rocky W. slope.

54.25 Ridge, 965 ft. above sec. cor., bears N. 70° W., about 8.00 chs. dist. to saddle, and S. 70° E., about 10.00 chs., dist. to main ridge, bears S. and NE.; descend abrupt NW. slope. Timber becomes scattered, bears NW. and SE.

62.00 Base of abrupt descent, bears NE. and SW.; thence descend gradually over NW. slope.

76.80 Draw, 470 ft. below ridge, drains N. 30° E.; ascend abrupt E. slope.

78.50 Top of rise on E. slope, 20 ft. above draw, bears NE. and SW.; descend abrupt N. slope.

80.00 On abrupt N. slope, 65 ft. below top of rise.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T33S | R12W
 S16 | S15
 S21 | S22
 1931

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of co No suitable bearing trees available.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

Cor. set in S. edge of bottom of canyon, bears E. and NW., and in clump of dense locust brush, which had been planted at this point.

Land, broken and mountainous, with a general westerly and northwesterly exposure and drainage.

Soil, shallow sand, clay, and gravelly loams, with rock; sandstone and limestone formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the W. and S. line, 3 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence:

N. $89^{\circ}59'$ W.; on true line, bet. secs. 15 and 22.

Descend gradual W. slope of broken mountainous land, through medium dense timber and undergrowth.

3.50 Draw, 65 ft. below cor., drains S. 20° W.; ascend gradual SE. slope.

7.70 Low spur, 50 ft. above draw, projects S. 20° W.; descend gradual W. slope.

9.60 Draw, 75 ft. below spur, drains S. 20° W.; ascend abrupt ledgy SE. slope.

21.00 Top of ascent on ledgy S. slope, 350 ft. above draw, bears N., about 2.00 chs. dist. to high rocky peak, and breaks off abruptly to the S.; descend abrupt SW. slope over ledges.

34.50 Gulch, 360 ft. below top of ascent, drains S. 20° E.; ascend gradual E. slope.

40.01 On top of ridge, 100 ft. above gulch, bears N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

SUBDIVISION OF T. 36 S. R. 12 W.

Chains

anied 0

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S15

S22

1931

from which:

A juniper, 10 ins. diam., bears N. $42^{\circ}30'$ W., 45 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 14 ins. diam., bears S. $45^{\circ}15'$ E., 13 lks. dist., marked $\frac{1}{4}$ S22 BT.

Thence descend gradual W. slope. Timber becomes scatter bears with ridge.

46.60 Wide shallow draw, 60 ft. below ridge, drains S. 10° W. about 4.00 chs. dist., thence W.; ascend gradually over E. slope.

50.90 Top of low spur, 30 ft. above draw, projects S., about 4.00 chs. dist. to end; descend abrupt rocky W. slope.

55.30 Ravine, 145 ft. below spur, drains S. 20° W., 2.00 chs. dist. to canyon, which drains W.; descend gradual S. slope.

58.00 The S. point of rocky spur from the N., 20 ft. below ravine; descend abrupt SW. slope.

60.60 Canyon, 100 ft. below point of spur, drains N. 80° W.; thence descend gradually along rolling N. slope, through dense undergrowth.

76.30 Draw, drains N., 1.00 chs. dist. to canyon; continue descent.

80.02 The cor. of secs. 15, 16, 21, and 22, 435 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken and mountainous, with a general southerly and westerly exposure and drainage.

Soil, shallow sand, clay, and gravelly loams, with rock; sandstone and limestone formation; 3rd rate.

Undergrowth, sage, oak, manzanita, service, and buckbrush.

Timber, juniper and pinon. Fair grazing land.

SUBDIVISION OF, T. 38 S., R. 12 W.

- Chains**
- West, on true line, bet. secs. 16 and 21.
- Ascend gradual N. slope of broken mountainous land, through scattered timber and dense undergrowth.
- 9.00 Top of ascent on N. slope, 100 ft. above cor., bears N. and S.; descend gradually along rolling N. slope.
- 25.80 Base of descent in depression in N. slope, 275 ft. below top of ascent, drains N. 20° W.; ascend gradually along N. slope.
- 33.20 Saddle in ridge, 10 ft. above depression, bears N. 80° W. and S. 60° E.; thence along gradual S. slope near top of ridge.
- 37.50 Begin ascent over E. slope, bears N. and S.
- 40.00 On gradual E. slope, 15 ft. above ridge.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- S16

S21

1931
- from which:
- A juniper, 9 ins. diam., bears S. 32°30' W., 40 yds. dist., marked $\frac{1}{4}$ S21 BT.
- A pinon, 9 ins. diam., bears N. 30°30' W., 33 yds. dist., marked $\frac{1}{4}$ S16 BT.
- 45.80 Ridge, 75 ft. above the $\frac{1}{4}$ sec. cor., bears N. 70° E. and S. 30° W.; descend gradual SW. slope through dense timber.
- 55.30 Top of limestone rim, faces W., bears N. 30° E. and S. 30° W. Timber becomes scattered and descent abrupt, bears with rim
- 66.00 Draw, 270 ft. below rim, drains SW., and heads NE., 5.00 chs. dist.; thence along S. slope.
- 71.80 Begin abrupt descent over W. slope, bears N. and S.
- 81.50 Base of mountainous land, 790 ft. below ridge at the 45.30 chs. point, bears N. and S.; thence over valley.

SUBDIVISION OF T. 34 N., R. 12 W.

Chains

32.54 Intersect the E. bdy. of sec. 20, South, 4.16 chains
from the cor. of secs. 17 and 20, heretofore described.
At point of intersection:
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for closing cor. of secs. 16 and 21, with
brass cap marked

S20	T388	00
	S16	
	S21	
	R12W	

1931

from which:

A juniper, 3 ins. diam., bears N. 65° E., 157 lks.
dist., marked T388 R12W S16 00 BT.

A juniper, 3 ins. diam., bears S. 18°30' E., 195 lks.
dist., marked T388 R12W S21 00 BT.

Land, broken and mountainous, with a general northerly
and westerly exposure and drainage.

Soil, shallow sand, clay, and gravelly loams, with rock;
formation sandstone and limestone; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck
brush.

Timber, juniper and pinon.

Fair grazing land.

From the cor. of secs. 15, 16, 21, and 22.

N. 0°11' W., bet. secs. 15 and 16.

Descend gradual N. slope of broken mountainous land,
through dense undergrowth, and scattered timber.

2.40 Wash, 50 lks. wide, 8 ft. deep, in bottom of canyon,
20 ft. below cor.; drains N. 80° W.; enter dense timber
bears with canyon; ascend gradually along rolling W.
slope.

15.50 Top of ascent on W. slope, 130 ft. above canyon, bears
E. and W.; descend gradually along rolling W. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

40.00 On gradual W. slope, 25 ft. below top of ascent.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S16 | S15
 1931

from which:

A pinon, 10 ins. diam., bears N. 34° E., 11 lks.
dist., marked $\frac{1}{4}$ S15 BT.

A pinon, 16 ins. diam., bears N. 42° W., 37 lks.
dist., marked $\frac{1}{4}$ S16 BT.

43.30 Small ravine, 40 ft. deep, drains S. 60° W.; continue
along W. slope.

45.40 Ridge, 20 ft. below the $\frac{1}{4}$ sec. cor., bears N. 50° W.,
10.00 chs. dist. to saddle, and S. 70° E., 10.00 chs.
dist., thence S.; descend abrupt N. slope.

52.00 Small branch draw, 200 ft. below ridge, drains NW., about
4.00 chs. dist. to gulch; thence gradual descent along
NW. slope.

56.30 Gulch, 210 ft. below ridge, drains NE.; ascend abrupt
SE. slope.

2.40 Spur, 155 ft. above gulch, projects N. 70° E., 6.00 chs.
dist. to end; descend abrupt N. slope.

0.00 On abrupt N. slope, 400 ft. below spur.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 15 and 16 only, with
brass cap marked

S10

 S16 | S15
 T38S | R12W

1931

from which:

A juniper, 6 ins. diam., bears S. $63^{\circ}15'$ E., 43 lks.
dist., marked T38S R12W S15 BT.

Chains

- A pinon, 6 ins. diam., bears S. 42° 45' E. 1355 1400
dist., marked T388 R12W S16 BT. on north line.
- Land, broken and mountainous, with a general westerly exposure and drainage.
- Soil, shallow sand, clay, and gravelly loams, with rock limestone formation; 3rd rate.
- Undergrowth, sage, oak, service, manzanita, and buck brush.
- Timber, juniper and pinon.
- Fair grazing land.
- S. 89° 59' E.,
bet., on random line, bet. secs. 10 and 15.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect the N. and S. line, 7 lks. N. of the cor. of
secs. 10, 11, 14, and 15.
- Thence:
- N. 89° 56' W., on true line, bet. secs. 10 and 15.
- Ascend along abrupt rocky N. slope of mountainous land through medium dense timber and undergrowth.
- 7.30 Top of ascent on N. slope, 130 ft. above cor., bears N. and S.; descend along broken NW. slope.
- 28.20 Gulch, 285 ft. below top of ascent, drains N. 10° E.; ascend abrupt rocky E. slope.
- 34.70 Sandstone rim, 75 ft. high, faces E. and bears N. and continue ascent over E. slope.
- 40.01 On abrupt E. slope, 370 ft. above gulch.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor. of sec. 15 only, with brass marked

$\frac{1}{4}$ S15

1931

- from which
- A juniper, 8 ins. diam., bears S. 4° E. 35 lks.
dist., marked $\frac{1}{4}$ S15 BT.
- A juniper, 8 ins. diam., bears S. 34° 30' W., 24 lks.
dist., marked $\frac{1}{4}$ S15 BT.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- 46.75 Easting of 40.00 chs. from the SW. cor. of sec. 10; on abrupt E. slope, 25 ft. above last cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 10 only, with brass cap marked
- $\frac{1}{4}$ S10
- 1931
- from which:
- A pinon, 10 ins. diam., bears N. $47^{\circ}15'$ E., 56 lks. dist., marked $\frac{1}{4}$ S10 BT.
- A pinon, 12 ins. diam., bears N. 12° W., 66 lks. dist., marked $\frac{1}{4}$ S10 BT.
- 45.00 Top of high sharp ridge, 130 ft. above last cor., bears N. 20° W. and S. 20° E.; descend abrupt W. slope.
- 57.50 Small draw, 460 ft. below ridge, drains S. 70° W.; ascend gradual E. slope.
- 59.00 Low spur, 15 ft. above draw, projects S., 3.00 chs. dist. to end; descend abrupt W. slope.
- 66.00 Gulch, 155 ft. below spur, drains SW.; ascend gradually over SE. slope.
- 68.70 Small spur, 50 ft. above gulch, projects S., 3.00 chs. dist. to end; descend abrupt broken SW. slope.
- 74.20 Bottom of Wayne's Canyon, 205 ft. below spur, drains N. 30° W.; ascend gradual W. slope.
- 80.02 The cor. of secs. 15 and 16, 75 ft. above canyon. Continue on same line, along the S. bdy. of sec. 10.
- 80.73 Intersect a line projected S., 6.80 chs. dist. from the cor. of secs. 9 and 16; on NW. slope, 10 ft. below last cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the SW. cor. of sec. 10 only, with brass cap marked

T38S
R12W
S10

S16

1931

SUBDIVISION OF, T. 38 N., R. 12 W.

Chains

and

from which
A pinon, 20 ins. diam., bears N. 54°45' E., 82 lks.
dist., marked T388 R12W S10 BT.
A pinon, 12 ins. diam., bears N. 69°30' E., 55 lks.
dist., marked T388 R12W S10 BT.
land, broken and mountainous, with a general northerly
and westerly exposure and drainage.
Soil, shallow sand, clay, and gravelly loams, with ro
sandstone and limestone formation; 3rd rate.
Undergrowth, sage, oak, service, buck, manzanita, and
bitter brush.
Timber, juniper, and pinon.
Fair grazing land.

From the restored $\frac{1}{4}$ sec. cor. of secs. 9 and 10, here-
before described.

South, on true line, bet. secs. 9 and 10.

Over nearly level valley land, through dense undergrowth

7.40 Old highway along E. side of valley, bears NE. and SW.

10.00 Base of mountainous land, bears NE. and SW.; ascend
abrupt broken NW. and W. slopes, through medium dense
timber.

25.40 Shallow draw on W. slope, drains NW.; continue ascent.

32.20 Ridge, 40 ft. above cor., bears NE. and W.; descend
gradual S. slope.

41.47 Intersection with a line projected East, 41.29 chs. di
from the original $\frac{1}{4}$ sec. cor. of sec. 9 only; on
gradual S. slope, 100 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for the cor. of secs. 9 and 16 only, with
grass can marked

T339	S10
39	
316	
R12W	

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

from which:

A juniper, 5 ins. diam., bears N. 72° W., 25 lks.
dist., marked T38S R12W S9 BT.

A pinon, 7 ins. diam., bears N. 6° W., 20 lks.
dist., marked T38S R12W S9 BT.

No suitable bearing tree in sec. 16 available.

Thence along the W. bdy. of sec. 10, with continuous measurement.

46.30 Bottom of Wayne's Canyon, 150 ft. below last cor., drains N. 80° W.; ascend abrupt N. slope.

48.27 The SW. cor. of sec. 10, 75 ft. above canyon.

Land, nearly level valley on N. end of half mile; broken and mountainous with a general westerly exposure and drainage remainder of half mile.

Soil, shallow sand, clay, and gravelly loams, with rock; limestone formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, and buck brush.

Timber, juniper and pinon.

Good grazing land.

From the remonumented original $\frac{1}{4}$ sec. cor. of sec. 9 only, heretofore described.

East, on true line, bet. secs. 9 and 16.

Ascend gradually over valley land.

2.05 Westing of 40.00 chs. from the cor. of secs. 15 and 16.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap marked

$\frac{1}{4}$ S16

1931

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

5.00 Enter dense undergrowth, bears NW. and SE.

SUBDIVISION OF T. 35S. R. 12W.

Chains	
14.90	Old highway along E. side of valley, bears N. 34° E. and S. 50° W. against A.
23.00	Base of mountainous land, bears NE. and SW.; ascend gradual NW. slope through scattered timber.
28.00	Top of rocky point on N. slope, 240 ft. above cor., projects N., 1,00 chs. dist. to end, and rises abruptly to the S.; descend abrupt rocky NE. slope.
33.00	Bottom of Wayne's Canyon near mouth, 115 ft. below rocky point, drains N, 70° W.; ascend abrupt ledgy W. slope.
37.70	Top of limestone ledge, 150 ft. high, bears S. and NW.; thence ascend gradual S. slope.
41.29	The cor. of secs. 9 and 16, 340 ft. above canyon. Land, rolling valley on W. portion of half mile, broken and mountainous with a general westerly exposure and drainage on E. portion. Soil, shallow sand, clay, and gravelly loams; 3rd rate. Undergrowth, sage, service, oak, manzanita, and buck brush. Timber, juniper and pinon. Good grazing land.
	From the restored 1/4 sec. cor. of sec. 20 (and only, heretofore described). South, on true line, bet. secs. 20 and 21. Over broken W. slope of mountainous land, through medium dense timber and undergrowth.
0.30	Top of clay spur, 10 ft. above cor., projects W.; descend abrupt S. slope.
1.20	Gulch, 90 ft. below spur, drains W.; ascend abrupt NW. slope.
4.95	Point midway bet. the closing corners of secs. 16 and 21 and 21 and 28; on abrupt NW. slope, 50 ft. above gulch. Set an iron post, 1/2 ft. long and 1 in. diam., 28 in. in the ground, for 1/4 sec. cor. of sec. 21 only, with brass cap marked

1931

1931

from which:

A pinon, 7 ins. diam., bears S. 73°15' E., 71 lks.
dist., marked $\frac{1}{2}$ S21 BT.

A pinon, 6 ins. diam., bears S. 20° E., 73 lks.
dist., marked $\frac{1}{2}$ S21 BT.

Continue ascent over broken NW. slope.

13.60 Spur, 165 ft. above last cor., projects W.; descend
along abrupt rocky W. slope.

20.00 Gulch, 140 ft. below spur, drains W.; ascend abrupt
NW. slope.

24.00 High rocky point on W. slope, 180 ft. above gulch,
projects W., and bears E., 1.00 chs. dist. to rim of
mountain; continue ascent along W. slope.

31.00 High rocky point on W. slope, 240 ft. above gulch,
projects NW.; continue ascent along W. slope.

42.51 Intersection with a line projected East, 40.02 chs. dist.
from the monumented $\frac{1}{2}$ sec. cor. of secs. 20 and 29,
on top of high point, 240 ft. above gulch, projects
SW. and bears E.

Set an iron post, 3 ft. long, 2 ins. diam., 1 ins. in
the ground, for the cor. of secs. 20 and 29 only, with
brass cap marked

T339	S21
S20	
S29	
R12W	

1931

from which:

A pinon, 6 ins. diam., bears S. 41° W., 36 lks.
dist., marked T338 R12W S29 BT.

A pinon, 6 ins. diam., bears N. 62°45' W., 70 lks.
dist., marked T339 R12W S20 BT.

Land, broken and mountainous, with a general westerly
exposure and drainage.

Chains	Meters
	Soil, shallow sand, gravel, and clay loams, with rock; limestone formation; 3rd rate.
	Undergrowth, sage, oak, service, manzanita, and buck brush.
	Timber, juniper and pinon.
	Good grazing land.
	From the remonumented original $\frac{1}{4}$ sec. cor. of secs. 20 and 29, heretofore described.
	East, on true line, bet. secs. 20 and 29.
	Over cultivated land in nearly level valley.
4.55	Electric power line, bears S. $16^{\circ}30'$ W., and N. $16^{\circ}30'$ E. about 4.00 chs. dist., thence N. $10\frac{1}{2}^{\circ}$ E.
12.35	Telephone line, (Bell System), bears N. 11° E. and S. 11° W. Leave cultivated land, bears N. and S.; enter scattered timber and undergrowth.
15.50	Fence, bears N. 10° E. and S. 10° W.
15.30	Old highway, bears N. $10^{\circ}30'$ E. and S. $10^{\circ}30'$ W.
17.45	U.S. Highway No. 91, bears N. $10^{\circ}30'$ E. and S. $10^{\circ}30'$ W. concrete bridge across wash from Dry Creek Canyon, bears S. $10^{\circ}30'$ W., 23.20 chs. dist.
18.00	Leave valley land and ascend abrupt rocky W. slope of mountainous land, bears N. 10° E. and S. 10° W.
38.25	West edge of top of mountain, 600 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over level top of mountain.
40.92	The cor. of secs. 20 and 29.
	Land, level valley on W. portion, broken and mountainous with general westerly exposure and drainage on E. portion.
	Soil, deep sand and clay loams on W. portion, shallow clay and gravelly loams with rock on E. portion; sandstone and limestone formations; 2nd and 3rd rates.
	Undergrowth, sage, oak, service, and buck brush.
	Timber, juniper and pinon.
	Fair grazing land.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
Start	From the core of secs. 21, 22, 27, and 28. West, on true line, bet. secs. 21 and 28.
15.20	Descend abrupt W. slope, over broken mountainous land, through medium dense timber and undergrowth.
18.20	Gulch, 125 ft. below cor., drains S. to Dry Creek Canyon; ascend abrupt E. slope.
21.80	Top of sharp sandstone spur, 405 ft. above gulch, projects S. 20° E., about 15.00 chs. dist. to end; descend abrupt broken W. slope.
37.80	Small draw, 460 ft. below spur, drains SW., 1.00 chs. dist., thence S.; continue descent.
38.60	Draw, 475 ft. below spur, drains S. 10° E.; ascend abrupt E. slope.
40.00	On abrupt E. slope, 75 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\begin{array}{r} S21 \\ \frac{1}{4} \hline S28 \\ 1931 \end{array}$ </div>
	from which:
	A pinon, 9 ins. diam., bears S. 36°30' W., 51 lks. dist., marked $\frac{1}{4}$ S28 BT.
	A pinon, 12 ins. diam., bears N. 1°45' W., 55 lks. dist., marked $\frac{1}{4}$ S21 BT.
42.90	Sharp clay spur, 80 ft. above cor., projects S. 20° W.; descend abrupt W. slope.
48.20	Small draw, 200 ft. below spur, drains S. 20° W.; ascend abrupt E. slope.
51.20	Low spur, 40 ft. above draw, projects S., 3.00 chs. dist. to end; descend abrupt W. slope.
53.00	Large gulch, 65 ft. below spur, drains S.; ascend abrupt rocky E. slope.
70.50	Spur, 350 ft. above gulch, projects S. 20° E.; descend gradual SW. slope.

SUBDIVISION OF, T. 38 S. R. 12 W.

Chains

32.36

32.36 Intersect the E. bdy. of sec. 29, South, 2.43 chs. dist. from the cor. of secs. 20 and 29.

At point of intersection, on SE. slope, 65 ft. below spur

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 21 and 28, with brass cap marked

S29	T38S	CC
	S21	
	S28	
	R12W	

1931

from which:

A pinon, 7 ins. diam., bears N. 26°30' E., 23 lks. dist., marked T38S R12W S21 CC BT.

A pinon, 5 ins. diam., bears S. 21°30' E., 46 lks. dist., marked T38S R12W S28 CC BT.

Land, broken and mountainous with a general southerly exposure and drainage into Dry Creek Canyon.

Soil, shallow shallow sand, clay, and gravelly loams, with rock; sandstone and limestone formations.

Undergrowth, sage, oak, manzanita and service brush.

Timber, juniper and pinon.

Fair grazing land..

From the cor. of secs. 20 and 29.
South, along the E. bdy. of sec. 29.
Descend broken S. slope of broken mountainous land, through medium dense timber and undergrowth.

2.43 The closing cor. of secs. 21 and 28.

5.00 Begin abrupt descent over S. slope, bears E. and W.

23.55 Point from which, Wm. R. Palmer's cabin, bears S. 55°40' E. about 10.00 chs. dist.

25.10 Wash, 30 lks. wide, 15 ft. deep, in bottom of Dry Creek Canyon, 450 ft. below cor., drains W.; ascend abrupt N. slope.

26.15 Dim road, bears E. and W.

SUBDIVISION OF, T. 38 S., R. 12 W.

Obains

- 40.79 Point midway bet. the cors. of secs. 20 and 29, and 29 and 32, on abrupt N. slope, 1230 ft. above canyon.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 29 only, with brass cap marked

$\frac{1}{4}$ S29

1931

from which:

A juniper, 5 ins. diam., bears S. $45^{\circ}45'$ W., 26 lks. dist., marked $\frac{1}{4}$ S29 BT.

A juniper, 7 ins. diam., bears N. $43^{\circ}15'$ W., 35 lks. dist., marked $\frac{1}{4}$ S29 BT.

- 42.415 Point midway bet. the closing cors. of secs. 21 and 23, and 23 and 33; on abrupt N. slope, 50 ft. above last cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 23 only, with brass cap marked

$\frac{1}{4}$ S23

1931

from which:

A juniper, 3 ins. diam., bears S. $37^{\circ}45'$ E., 32 lks. dist., marked $\frac{1}{4}$ S23 BT.

No other suitable bearing tree available.

- 43.80 Top of abrupt ascent, 25 ft. above last cor., bears N. 20° E. and S. 20° W.; ascend gradually along NE. slope.

- 54.80 Top of ascent on W. rim of mountain, 80 ft. above last cor., bears N. 20° W. and S. 20° E.; descend along SW. slope.

- 60.80 Draw, 85 ft. below top of ascent, drains W.; ascend gradual NW. slope.

- 68.80 Top of ascent on W. edge of mountain, 140 ft. above draw, bears N. 30° E. and S. 30° W.; descend abrupt SW. slope.

Chains									
76.30	Draw, 85 ft. below top of ascent, drains N. in ascent. abrupt N. slope, ...								
81.58	On top of W. edge of mountain, 110 ft. above draw, base NE. and SW; intersection with line projected E. from the original $\frac{1}{4}$ sec. cor. of secs. 29 and 32. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29 and 32 only, with brass cap marked								
	<table> <tr> <td>T388</td><td></td></tr> <tr> <td>S29</td><td></td></tr> <tr> <td>S32</td><td>S28</td></tr> <tr> <td>R12W</td><td></td></tr> </table>	T388		S29		S32	S28	R12W	
T388									
S29									
S32	S28								
R12W									
	1931.								
	from which:								
	A juniper, 12 ins. diam., bears S. 38° W., 84 lks. dist., marked T388 R12W S32 BT.								
	A pinon, 5 ins. diam., bears N. $62^{\circ}15'$ W., 85 lks. dist., marked S29 BT. Tree too scrubby for other marks.								
	Land, broken and mountainous, with a general westerly exposure and drainage.								
	Soil, clay and gravelly loams with rock; limestone and sandstone formation; 3rd rate.								
	Undergrowth, sage, oak, service, and buck brush.								
	Timber, juniper and pinon.								
	Fair grazing land.								
	From the original $\frac{1}{4}$ sec. cor. of secs. 29 and 32. East, on true line, bet. secs. 29 and 32. Ascend gradually over nearly level valley land, through short undergrowth.								
1.00	Old highway along E. edge of valley, bears N. $8^{\circ}30'$ E. and S. $8^{\circ}30'$ W.								
14.00	Leave valley and base of mountainous land, bears N. and S.; ascend abrupt ledgy W. face of limestone ledges, through scattered timber.								

SUBDIVISION OF, T. 38 S., R. 12 W.

- 27.00 Top of broken limestone ledges, 530 ft. above cor., bears N. and S.; continue abrupt ascent over general W. slope.
- 30.46 The cor. of secs. 29 and 32, 895 ft. above cor. Land, W. portion, nearly level valley, E. portion, broken and mountainous with a general westerly exposure and drainage..
- Soil, W. portion, deep sandy loam, E. portion, shallow sand, clay, and gravelly loams, with rock; limestone formation; 3rd rate.
- Undergrowth, sage, oak, service, and buck brush.
- Timber, juniper and pinon.
- Fair grazing land.
-
- From the cor. of secs. 27, 28, 33, and 34.
- West, on true line, bet. secs. 28 and 33.
- Ascend abrupt E. slope of broken mountainous land, through scattered timber and dense undergrowth.
- 10.20 High sharp rocky ridge, 240 ft. above cor., bears N. 20° E. and S. 20° W.; descend abrupt W. slope, through very scattered timber.
- 20.00 Base of abrupt descent, bears N. 20° E. and S. 20° W.; thence descend gradually along gradual W. slope.
- 28.00 Wash, 30 lks. wide, 6 ft. deep, in bottom of draw, 345 ft. below ridge, drains N. 20° E.; ascend abrupt E. slope.
- 36.20 Low spur, 170 ft. above draw, projects N. 20° E.; descend gradual W. slope.
- 38.70 Draw, 30 ft. below spur, drains N. 20° E.; ascend abrupt rocky E. slope.
- 40.00 On abrupt E. slope, 100 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground to bedrock and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- .. Raise a mound of stone, 3 ft. base, 2 ft. high, N. 00° 00' E.
 No suitable bearing trees available.
 45.80 High sharp ridge, 145 ft. above the $\frac{1}{2}$ sec. cor., bears
 N. and S.; descend abrupt W. slope.
 73.10 Draw, 730 ft. below ridge, drains SW.; enter medium
 dense timber, bears NE. and SW.; ascend abrupt E. slope.
 82.92 Intersect the E. bdy. sec. 32, South, 82 lks. dist. from
 the cor. of secs. 29 and 32.
 At point of intersection; on abrupt SE. slope, 165 ft.
 above draw.
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
 the ground to solid rock and in a mound of stone to
 top, for closing cor. of secs. 28 and 33, with brass
 cap marked

S32	T38S	CC
	S28	
	S33	
	R12W	

1931

from which:

- A juniper, 3 ins. diam., bears N. 72°15' E., 64 lks.
 dist., marked T38S R12W S28 CC BT.
 A juniper, 8 ins. diam., bears S. 47°45' E., 112 lks.
 dist., marked T38S R12W S33 CC BT.
 Land, broken and mountainous, with a general north and
 westerly exposure and drainage.
 Soil, shallow sand, clay, and gravelly loams, with rock;
 limestone and sandstone formations; 3rd rate.
 Undergrowth, sage, oak, service, manzanita, and buck brush.
 Timber, juniper and pinon.
 Fair grazing land.

From the cor. of secs. 29 and 32.
 South on true line, along the E. bdy. of sec. 32.
 Descend abrupt S. slope of broken mountainous land,
 through scattered timber and undergrowth.

SUBDIVISION OF, T. 33 S., R. 12 W.

- 10.50 Closing cor. of secs. 23 and 33.
- 10.50 Gulch, 300 ft. below cor. of secs. 29 and 32, drains W.; ascend abrupt N. slope.
- 22.00 Top of W. edge of mountain, 300 ft. above gulch, bears N. 20° E. and S. 20° W.; descend abrupt S. slope.
- 27.90 Wash, 20 lks. wide, 3 ft. deep, in draw, 275 ft. below top of ascent on edge of mountain, drains S. 70° W.; ascend gradually along W. slope.
- 34.20 Low rise, 35 ft. above draw, projects W.; descend gradual W. slope.
- 36.00 Draw, 50 ft. below rise, drains W.; ascend abrupt brushy N. slope.
- 40.40 Point midway bet. the cor. of secs. 29 and 32, and the cor. of secs. 32 and 33; on abrupt N. slope, 130 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 32 only, with brass cap marked
- $\frac{1}{4}$ S32
- 1931
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No suitable bearing trees available.
- 40.81 Point midway bet. the closing cor. of secs. 23 and 33, and the cor. of secs. 32 and 33.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 33 only, with brass cap marked
- $\frac{1}{4}$ S33
- 1931
- Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. No suitable bearing trees available.
- 45.00 Top of ascent on N. slope, 125 above $\frac{1}{4}$ sec. cor. of sec. 32, bears W., 5.00 chs. to edge of mountain, and E. 6.00 chs. dist. to saddle; gradually descend along E. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains	
57.50	Begin abrupt descent over S. slope, bears NW. 1/4 and SE. 1/4
65.00	Draw, 240 ft. below rise, drains W.; gradually ascend N. slope.
66.20	Low spur, 60 ft. above draw, projects W., 4.00 chs. di to end. Descend gradual S. slope.
68.30	Draw, 25 ft. below spur, drains N. 30° W.; ascend abru N. slope.
75.20	Ridge, 135 ft. above draw, bears E. and W.; descend gradual SE. slope.
80.80	The cor. of secs. 32 and 33, on the S. bdy. of the town heretofore described, 15 ft. below ridge. Land, broken and mountainous with a general westerly exposure and drainage. Soil, shallow sand, clay, and gravelly loams, with rock limestone formation; 3rd rate. Undergrowth, sage, oak, service, buck, and bitter brush Timber, juniper and pinon. Fair grazing land.
<hr/>	
	From the cor. of secs. 7, 8, 17, and 18, heretofore desc North, bet. secs. 7 and 8. Ascend gradual SE. slope of valley land, through medium dense timber and scattered undergrowth.
0.65	Old highway from Kanarraville to New Harmony, bears N. 70° E. and S. 70° W.
1.20	Abandoned telephone line, bears with highway.
9.50	Wash, 60 lks. wide, 4 ft. deep, drains S. 30° E.; ascend gradually SE. slope of rocky mountainous land through dense timber, bears NW. and SE.
24.10	Low flat spur, 120 ft. above cor., projects S. 30° E.; descend gradual NE. slope.
30.50	Small draw, 20 ft. below spur, drains SE.; ascend gradua SE. slope.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

35.50 Low flat spur, 40 ft. above draw, projects S. 30° E.;
thence along rolling E. slope.

40.00 Point midway bet. the cor. of secs. 7, 8, 17, and 18;
and 7 and 8; on rolling E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to solid rock and in a mound of stone to
top, for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap
marked

$\frac{1}{4}$ S8

1931

from which:

A juniper, 10 ins. diam., bears N. 76°30' E., 91 lks.
dist., marked $\frac{1}{4}$ S1 BT.

A juniper, 8 ins. diam., bears S. 54°45' E., 37 lks.
dist., marked $\frac{1}{4}$ S3 BT.

41.60 Southing of 40.00 chs. from the cor. of secs. 7 and 8.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass
cap marked

$\frac{1}{4}$ S7

1931

from which:

A juniper, 8 ins. diam., bears S. 52°30' W., 19 lks.
dist., marked $\frac{1}{4}$ S7 BT.

A juniper, 6 ins. diam., bears N. 14°45' W., 30 lks.
dist., marked $\frac{1}{4}$ S7 BT.

Continue along rolling E. slope.

45.60 Shallow draw, 10 ft. deep, drains SE.; ascend gradual
SE. slope.

51.00 Spur, 60 ft. above draw, projects SE., 5.00 chs. dist. to
end; descend gradually along NE. slope through scattered
timber.

56.90 Draw, 20 ft. below spur, drains S. 30° E.; ascend abrupt
rocky S. and SW. slopes.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

72.00 High spur, 165 ft. above draw, projects SE.; descend. gradually along abrupt E. slope.

81.60 Intersect a line projected W. from the original $\frac{1}{4}$ sec. cor. of secs. 5 and 8.

At point of intersection, on abrupt rocky NE. slope, 6 ft. below top of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 7 and 8 only, with cap marked

S6	
S7	S8
T34S	R12W

1931

from which:

A juniper, 2 ins. diam., bears S. 13°15' E., 27 lks. dist., marked T34S R12W S8 ST.

A juniper, 10 ins. diam., bears S. 37° W., 98 lks. dist., marked T34S R12W S7 ST.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay, sand, and gravelly loams, with cobble stone; granite formation; 3rd rate.

Undergrowth, sars, service, oak, and buck brush.

Timber, juniper and pinon.

Good grazing land.

From the original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, heretofore described.

West, on true line, along the N. bdy. of sec. 8.

Ascend gradual E. slope of rolling mountainous land through medium dense timber and scattered undergrowth.

5.00 Spur, 75 ft. above the $\frac{1}{4}$ sec. cor., projects S. 20° E., about 10.00 chs. dist. to end; descend abrupt rocky SW. slope.

13.60 Road, bears N. and S.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

- 15.90 Draw, 80 ft. below spur, drains S. 20° E.; ascend gradual SE. slope.
- 29.00 Spur, 100 ft. above draw, projects S. 20° E., about 3.00 chs. dist. to end; descend gradual SW. slope.
- 39.60 Large draw, 45 ft. below spur, drains SE.; ascend gradual E. slope.
- 39.42 Point for the cor. of secs. 5 and 6, subsequently set at this point.
- 40.96 The cor. of secs. 7 and 8, 60 ft. above draw.
Land, rolling and mountainous, with a general southerly exposure and drainage.
Soil, shallow loose sand, clay, and gravelly loam, with rock; 3rd rate.
Undergrowth, sage, oak, service, and buck brush.
Timber, juniper and pinon.
Fair grazing land.
-
- From the cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the township, which is an iron post, 3 ins. diam., extending 12 ins. above ground, with brass cap, marked and witnessed as described in the official returns of the survey of T. 37 S., R. 12 W.
South, on true line, bet. secs. 5 and 6.
Descend gradual S. slope of rolling mountainous land, through medium dense timber and scattered undergrowth.
- 5.40 Large draw, 15 ft. below cor., drains S. 20° E. Road in in bottom of draw, bears S. 20° E. and N. 20° W.
Thence ascend gradually along broken E. slope.
- 9.60 Low spur, 25 ft. above draw, projects E., 2.00 chs. dist. to end.
- 12.80 Draw, 40 ft. below spur, drains E., 3.00 chs. dist. to main draw.
- 17.20 Low spur, 60 ft. above draw, projects E., 4.00 chs. dist. to end.

SUBDIVISION OF T. 14 S., R. 12 W.

Chains	
20.50	Small draw, 20 ft. below spur, drains E. 65° W. 100 yds. to
27.50	Ridge, 65 ft. above draw, bears N. 30° W. and S. 30° W. descend abrupt S. slope.
33.00	Small branch draw, 125 ft. below ridge, drains SW., 3 chs. dist. to main draw which drains S.; thence along rolling W. slope on E. side of main draw.
35.50	Bend in main draw, drains S. 10° W. from N. 10° W.
42.35	Bend in same draw, drains S. 20° W. from N. 20° W.
42.64	On abrupt W. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked
	$\frac{1}{4}$ S6
	1931
	from which:
	A juniper, 12 ins. diam., bears S. 39°30' W., 242 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A juniper, 6 ins. diam., bears N. 85°30' W., 123 lks. dist., marked $\frac{1}{4}$ S6 BT.
43.90	On abrupt W. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5 only, with brass cap marked
	$\frac{1}{4}$ S5
	1931
	from which:
	A juniper, 2 ins. diam., bears N. 20°45' E., 55 lks. dist., marked $\frac{1}{4}$ S5 BT.
	A juniper, 5 ins. diam., bears S. 16°30' E., 10 lks. dist., marked $\frac{1}{4}$ S5 BT.
53.00	Top of rise on W. slope, 10 ft. above last cor., bears E. about 8:00 chs. dist. to N. and S. ridge, and slopes W.; descend abrupt SW. slope.
67.00	Main draw, 65 ft. below top of rise, drains S. 20° E.; thence along rolling E. slope, near bottom of draw.

SUBDIVISION OF, T. 33 S., R. 12 W.

Chains

68.60 Branch draw from NW., drains SE.; 2.00 chs. dist. to main draw.

76.50 Bend in main draw, drains S. 30° E. from N. 20° E.; ascend gradual NE. slope.

84.40 Spur, 50 ft. above draw, projects SE.; about 5.00 chs. dist. to end. Descend abrupt S. slope.

91.30 Draw, 150 ft. below spur, drains S. 70° E.; ascend gradual NE. slope.

95.01 Intersect the W. bdy. of sec. 3, East, 1.54 chs. dist. from the cor. of secs. 7 and 8.

At point of intersection, on NE. slope, 15 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5 and 6 only, with cross cap marked

T33S	R12W
S6	SE

SS

1931

from which:

A juniper, 18 ins. diam., bears N. 73°45' E., 41 lbs. dist., marked T33S R12W S6 BT.

A juniper, 10 ins. diam., bears N. 51°15' W., 71 lbs. dist., marked T33S R12W S6 BT.

Land, rolling and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow sand, clay, and gravelly loams, with rock; limestone, granite, and cobblestone formations; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter or sh.

Timber, juniper and pinon.

Good grazing land.

From the cor. of secs. 7 and 8.

West, on random line bet. secs. 5 and 7.

40.00 Set temp. 1/4 sec. cor.

SUBDIVISION OF, T. 38 S., R. 12 W.

Chains

78.87 Intersect the W. bdy. of the township, 12 lks. S. of the cor. of secs. 6 and 7, heretofore described.

Thence:

From the cor. of secs. 7 and 8.

N. $89^{\circ}55'$ W., on true line, bet. secs. 6 and 7.

Ascend abrupt E. slope of rolling mountainous land, through medium dense timber and scattered undergrowth.

3.00 Slope changes from abrupt E. slope to gradual N. slope, bears NE. and SW.

21.00 High ridge, 150 ft. above cor., bears N. and S.; descend abrupt W. slope.

31.40 Wash, 40 lks. wide, 4 ft. deep, in bottom of canyon, 190 ft. below ridge, drains S. 20° E.; ascend abrupt E. slope.

36.00 Low spur, 140 ft. above canyon, projects SE., about 8.00 chs. dist. to end. Thence along abrupt rocky S. slope.

38.37 Fastening of 40.00 chs. from the cor. of secs. 6 and 7; on abrupt rocky S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$ S6

1931

from which:

A juniper, 8 ins. diam., bears N. 52° E., 18 lks. dist., marked $\frac{1}{4}$ S6 BT.

A juniper, 10 ins. diam., bears N. $34^{\circ}30'$ W., 37 lks. dist., marked $\frac{1}{4}$ S6 BT.

40.00 On abrupt rocky S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked

$\frac{1}{4}$ S7

1931

Chains	from which:
...	A juniper, 10 ins. diam., bears S. 28°30' E., 33 lks. dist., marked $\frac{1}{4}$ S7 BT.
...	A juniper, 6 ins. diam., bears S. 72°15' W., 43 lks. dist., marked $\frac{1}{4}$ S7 BT.
47.20	Junction of draws from NW. and N. 70° W., drains S. 70° E.; ascend abrupt rocky NE. slope.
54.70	Top of ascent on N. slope, 110 ft. above draw, bears SW. and slopes N.; thence along N. slope.
56.80	Head of draw, drains NE.; ascend abrupt E. slope.
60.50	Ridge, 130 ft. above junction of draws, bears N. 20° W. and S. 20° E.; thence along gradual S. slope.
62.80	Head of draw, 10 ft. below ridge, drains S.; continue along S. slope.
65.60	Ridge, 10 ft. above head of draw, bears NE. and S. 30° W.; descend abrupt W. slope through dense undergrowth and scattered timber.
72.60	Gulch, 155 ft. below ridge, drains S. 20° W.; ascend abrupt E. slope.
76.00	Small spur, 65 ft. above gulch, projects S., 3.00 lks. dist. to end; descend along broken S. slope.
78.87	The cor. of secs. 6 and 7, on the W. bdy. of the township, 10 ft. below spur.
Land, rolling and mountainous with a general southerly exposure and drainage.	
Soil, shallow clay, sand, and gravelly loams, with rock; shale, granite, and cobblestone formation; 3rd rate.	
Undergrowth, sage, oak, service, and buck brush.	
Timber, juniper and pinon.	
Good grazing land.	

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. ON N. BDY., FOR T. 38 S., R.

Chains

ended

From the closing cor. of Ts. 37 and 38 S., R. 12 W., heretofore described.

West, along the N. bdy. of sec. 1

39.50 The witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 1, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records of the survey of T. 37 S., R. 12 W.

I change this cor. to an angle point by marking the cor.

monument and bearing trees, AP. I also efface the original markings on the cor. monument and bearing trees.

40.00 True point for the original $\frac{1}{4}$ sec. cor. of sec. 1.

42.94 The $\frac{1}{4}$ sec. cor. of sec. 36, T. 37 S., R. 12 W., which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records of the survey of T. 37 S., R. 12 W.

43.51 Easting of 40.00 chs. from the true point for the closing cor. of secs. 1 and 2.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 1, with brass cap marked

$\frac{1}{4}$ S1

1931

from which:

A yellow pine, 34 ins. diam., bears S. 83° E., 163 lks. dist., marked $\frac{1}{4}$ S1 BT.

A balsam, 6 ins. diam., bears S. 37° W., 12 lks. dist., marked $\frac{1}{4}$ S1 BT.

From the true point for the closing cor. of secs. 1 and 2, which is West, 57 lks. dist. from the witness cor.

West, along the N. bdy. of sec. 2.

36.49 The original $\frac{1}{4}$ sec. cor. for sec. 2, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records of the survey of T. 37 S., R. 12 W.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. ON N. NDY. FOR, T. 38 S., R. 12 W.

I efface the markings on the cor. monument and bearing trees, and change cor. to an angle point by marking the corner monument and bearing trees, A.P.

39.80 True point for the $\frac{1}{4}$ sec. cor. of secs. 35, T. 37 S., R. 12 W.

40.085 Point midway bet. the point for the C.C. of secs. 1 and 2, and the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, with brass cap marked

$\frac{1}{4}$ S2

1931

from which:

A pinon, 11 ins. diam., bears S. 17° E., 6 lks.
dist., marked $\frac{1}{4}$ S2 BT.

A pinon, 10 ins. diam., bears S. 40° W., 63 lks.
dist., marked $\frac{1}{4}$ S2 BT.

40.35 The witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 35, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official records of the survey of T. 37 S., R. 12 W.

GENERAL DESCRIPTION OF, T. 38 S., R. 12 W.

The eastern portion of this township is the broken west face of Kanarra Mountain, which has a general westerly exposure into a long valley draining southerly through the west center portion. It is broken by high sandstone points rimmed with inaccessible vertical ledges, attaining a maximum height of over two-thousand feet, and by deep narrow rocky canyons and gulches, rimmed with inaccessible sandstone walls. The highest of these points, is located in section 24, and is locally known as "Horse Ranch Point". This point has an elevation of nine-thousand feet above sea level. In

section 36, is what is known as "Buck Pasture and Death Points", and also isolated sandstone mountains surrounded by high vertical rims, which make the greater portion of this section inaccessible. In the south portions of sections 34, 35, and 36, is a large inaccessible island mountain, nearly 1500 feet above the surrounding country. Immediately to the south of this mountain, in T. 39 S., R. 12 W., is another inaccessible island mountain known as Timber Mountain. The land in the northwest portion of the township, which includes sections 5, 6, 7, and part of section 8, consists of low rolling mountains or hills, with a general south to southeasterly exposure and drainage. The southeast portion of the township, is of great scenic value, due to the extreme ruggedness and highly colored sandstone rims.

The east portion of the township, has a general westerly and southerly drainage. Spring Creek Canyon, which has a small intermittent stream of good water, flows westerly to the valley through sections 12, 11, 2, and 3. Camp Creek Canyon, which has a small intermittent stream of water, flows westerly to the valley through sections 13, 14, 11, 10, and 9. Dry Creek Canyon and its forks, has small intermittent streams which flow westerly to the valley through sections 25, 26, 27, 28, and 29. Portions of sections 33, 34, 35, and 36, drain southerly into canyons leading to Le Verkin Creek. Small springs of good water, are located in the NE. $\frac{1}{4}$ of section 36, NE. $\frac{1}{4}$ of section 24, and the NE. $\frac{1}{4}$ of section 23.

The soil of the mountainous portion is principally a shallow light colored clay, sandy, and gravelly loams, mixed with rock, and can be classified as third and fourth rates. The formations are red sandstone,

GENERAL DESCRIPTION OF, T. 38 S., R. 12 W.

Chains

limestone, and volcanic. The soil in the northwest portion of the township, is a shallow clay and gravelly loam, with rock of granite and cobblestone formation, and may be classified as third rate. The soil in the valley is a deep clay loam, and may be classified as first and second rates.

The eastern portion of the township in most places is covered with a medium dense growth of scrub juniper and pinon pine, with patches of fir and yellow pine along the deep canyons and on the N. slopes, and a medium dense undergrowth of oak, service, buck, choke-cherry, and sage brush. The mountainous land in the northwest portion, is covered with a medium dense growth of juniper and pinon pine, and a scattered undergrowth of oak, service, and sage brush.

Wells A. and Keumen D. Williams, have two well constructed cabins located in the W. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ of section 24, and approximately 2 $\frac{1}{4}$ miles of fencing in sections 24 and 25. Arthur Fife, has a small cabin in the northwest portion of the SE. $\frac{1}{4}$ of section 26. G.O. Larson, a small cabin, size 10 ft. x 12 ft., located in the SE. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ of section 27. William R. Palmer, a small cabin made of lumber, located in the SW. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of section 28. Sam Pollock has a 4 room well built house, corrals, and fences, and about 20 acres of land under cultivation, located in the NW. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ of section 29. J.D. Williams has an old frame house, corrals, and approximately 40 acres of land under cultivation, in the SW. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of sec. 10. An emergency landing field of the Salt Lake Apex Division, Airways Service, Department of Commerce, known as the New Harmony Field, is located in portions of the W. $\frac{1}{4}$ of section 20, and the SE. $\frac{1}{4}$ of section 19. This landing field has a well constructed fence along its boundaries, and contains approximately

Chains

001100

140 acres. A beacon light in the landing field, is located in the NE. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of section 20. A beacon light which is a blinker, is located in the E. $\frac{1}{2}$ of the NE. $\frac{1}{4}$ of section 17. A blinker beacon light, is located in the NW. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of section 32. U.S. Highway No. 91, enters the township on the north boundary of section 3, and bears in a southerly direction, leaving the township on the south boundary of section 31. A transcontinental Telephone line, enters the township on the north boundary of section 3, and bears in a southerly direction, leaving the township on the south boundary of section 32. An electric power line, enters the township on the north boundary of section 4, and bears in a southerly direction leaving the township on the south boundary of section 31. Main highway to New Harmony, leaves U.S. Highway on the south boundary of section 17, and bears westerly along the south boundaries of sections 17 and 18, and follows the boundary between Iron and Washington Counties.

Only small portions of the township along the edges of the valley, that come under this survey, is suitable for farming, the remainder being suitable for a summer grazing range for stock, and was being used for this purpose at the time of the survey.

No indications of mineral, coal, or oil, were found by me on this township.

The mean magnetic declination was found to be $16^{\circ}30'$ E.

BOOK A 497

1943
1944

FIELD ASSISTANTS.

NAME	CAPACITY
Howard Campbell	1000
Kenneth Reed	1000
Orain T. Brown	1000
Charles Hill	1000
Cecil Beatty	1000
Joe Viles	1000
Walter Smith	1000
Archie Smith	1000
Max Williams	1000
Charles Hill	1000

CERTIFICATE OF UNITED STATES SURVEYOR

I, Andrew Nelson, U.S. Cadastral Engineer, do hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 29th day of February, 1928, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of dependent resurvey of the east boundary, portions of the north, south, and west boundaries, and subdivision; establishment of quarter section corners on the east 2 miles of the north boundary; and survey of a portion of the south boundary and subdivision, T. 38 S., R. 12 W. of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:
Salt Lake City, Utah.
February 15, 1932.

Andrew Nelson
U. S. Cadastral Engineer

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLO. APR 16 1934, 1934

The foregoing field notes of the survey of dependent resurvey of the east boundary, portions of the north, south, and west boundaries, and subdivision; establishment of quarter section corners on the east two miles of north boundary; and survey of a portion of the south boundary, and subdivision, of T. 38 S., R. 12 W.

executed by Andrew Nelson, U.S. Cadastral Engineer

under his special instructions dated February 29, 1928, 1928, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Charles J. Johnson
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in Utah has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

FIELD NOTE

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BOOK A-497

FIELD NOTES

OF THE SURVEY OF THE

RETRACEMENT OF THE EAST BOUNDARY.

RESURVEY OF THE NORTH HALF MILE OF THE EAST BOUNDARY.

SURVEY OF THE 6th. STANDARD PARALLEL SOUTH, WEST AND

NORTH BOUNDARIES AND SUBDIVISIONS

OF

T. 30 S., R. 20 E.

Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

Chas. F. Moore and Robt. C. Yundt.

in the capacity of U. S. Surveyors, under instructions dated August 27, 1927, issued by the District Cadastral Engineer, ~~United States Surveyor General~~ to govern surveys included in Group No. 186, which were approved by the Commissioner of the General Land Office, Sept. 20, 1927 and assignment instructions dated Sept., 20, 1927.

Survey commenced September 17, 1927, 1927

Survey completed December 16, 1927, 1927

INDEX DIAGRAM.

Township 30 South. Range 20 East.											
34			33			31			30		
29			27								
26	6	105	5	88	4	77	8	61	2	48	1
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24	7	103	8	86	9	75	10	59	11	46	12
	102		100		85		74		58		45
23	18	99	17	84	16	72	15	57	14	44	13
	98		98		84		71		56		42
22	19	97	20	83	21	69	22	55	23	40	24
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18	31	89	32	78	33	61	34	49	35	36	38
	16		13		12		9		8		6

DATE DIAGRAM

12-10-27	12-10-27	12-10-27	12-7-27	12-7-27	12-7-27
6	5	4	3	2	1
12-15-27	12-15-27	12-12-27	12-3-27	12-13-27	12-13-27
7	8	9	10	11	12
12-8-27	12-8-27	12-6-27	12-15-27	12-15-27	12-15-27
18	17	16	15	14	13
12-7-27	12-2-27	12-6-27	12-16-27	12-16-27	11-16-27
19	20	21	22	23	24
12-3-27	12-1-27	12-3-27	11-22-27	11-19-27	11-15-27
30	29	28	27	26	25
11-23-27	11-29-27	11-27-27	11-1-27	11-18-27	11-14-27
31	32	33	34	35	36
11-30-27	11-28-27	11-26-27	11-17-27	11-17-27	9-23-27
9-23-27					

Lines in red were surveyed by Chas. F. Moore,
U.S. Surveyor.

Lines in black were surveyed by Robert C. Yundt,
U.S. Surveyor.

Chains

Survey commenced Sept. 17, 1927, and executed with Buff and Buff solar transits No. 9220 used by Chas. F. Moore, U.S. Surveyor and No. 9797 used by Robert O. Yundt, U.S. Surveyor. For complete description, tests, and approval of instruments, see the finished field notes of T. 30 S., R. 21 E., of this group.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 8 chains in length, compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

RETRACEMENT OF THE EAST BOUNDARY, T. 30 S., R. 20 E.

From the standard cor. of T. 30 S., Rs. 20 and 21 E., which is an iron post, 3 ins. diam., extending 12 ins. above ground, firmly set, with brass cap-marked

SC	
T30S	
R20E	R21E
S36	S31

1916

Witnessed by a mound of stone to the S. of cor. N. 0°02' E., (computed course) on retracement line bet. secs. 31 and 36.

40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is an iron post, 1 in. diam., firmly set in mound of stone, with brass cap marked

†	
S36	S31
1916	

Witnessed by a mound of stone W. of cor.

RETRACEMENT OF EAST BOUNDARY, T. 30 S., R. 20 E.

Chains

40.00 Intersect the cor. secs. 25, 30, 31, and 36, which is an iron post, 2 ins. diam., firmly set in a large mound of stone, with brass cap marked

T30S	
R20E	R21E
S25	S30
S36	S31

1916

Witnessed by a mound of stone, W. of cor.

N. 0°02' E., on retracement line bet. secs. 25 and 30.

40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is an iron post, 1 in. diam., firmly set, with brass cap marked

$\frac{1}{4}$	
S25	S30
1916	

Witnessed by pits, N. and S. of the cor. post.

80.00 Intersect the cor. secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked

T30S	
R20E	R21E
S24	S19
S25	S30

1916

Witnessed by pits, in each sec.

N. 0°02' E., on retracement line bet. secs. 19 and 24.

40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is an iron post, 1 in. diam., firmly set, with brass cap marked

$\frac{1}{4}$	
S24	S19
1916	

Witnessed by a mound of stone W. of cor.

RETRACEMENT OF EAST BOUNDARY, T. 30 S., R. 20 E.

Chains

80.00 Intersect the corner of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked

T308	
R20E	R21E
S13	S18
1916	

Witnessed by pits in each sec.

N. 0°02' E., on retracement line bet. secs. 13 and 18.
40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is an iron post, 1 in. diam., firmly set in the ground, with brass cap marked

$\frac{1}{4}$	
S13	S18
1916	

Witnessed by pits, N. and S. of cor.

80.00 Intersect the cor. secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked

T308	
R20E	R21E
S12	S7
S13	S18
1916	

Witnessed by a mound of stone, W. of cor.

N. 0°02' E., on retracement line bet. secs. 7 and 12.
40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. diam., firmly set in the ground, with brass cap marked

$\frac{1}{4}$	
S12	S7
1916	

Witnessed by pits, N. and S. of the cor. post.

RETRACEMENT OF THE EAST BOUNDARY, T. 30 S., R. 20 E.

Chains

80.00

Intersect the cor. secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked

T30S	
R20E	R21E
S1	S6
1916	

Witnessed by a mound of stone, W. of cor.

N. 0°02' E., on retracement line bet. secs. 1 and 6.

39.55

Intersect the witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. diam., firmly set in a large mound of stone, with brass cap marked

W. C.	
1	
S1	S6
1916	

Witnessed by a mound of stone, W. of cor.

161.50

Intersect the cor. T. 30 S., Rs. 20 and 21 E., which is an iron post, 3 ins. diam., firmly set in the ground, with brass cap marked

T29S R20E	
S36	
S1	S6
R20E	R21E
T30S	
1916	

Witnessed by a mound of stone, S. of cor.

The bearing of the E. bdy. of this township therefore is, N. 0°02' E., and the distance for each half mile to the true point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6 is, 40.00 chs. The distance of the N. half mile sec. 6, T. 30 S., R. 21 E. is 121.50 chs. No change in the topography as noted in the original survey on the S. $5\frac{1}{2}$ miles of this boundary.

RESURVEY OF PORTION OF THE E. BOUNDARY LINES, R. 20 E.

Chains

united

From the true point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is N. $0^{\circ}02'$ E., 45 lks. dist. from the witness cor. to the cor. said secs.

N. $0^{\circ}02'$ E., on resurvey line bet. secs. 1 and 6.

Descend gradually over rolling land through medium undergrowth.

- 1.00 Gulch, drains NW.; ascend gradually.
- 5.00 Sandstone spur, 30 ft. above gulch, projects NW.; descend
- 9.70 Base of ledge, 85 ft. below spur, bears NE. and W.;
continue gradual descent.
- 19.60 Bottom of Indian Creek, stream 20 lks. wide, 4 ins. deep,
in channel 2 chains wide, 20 ft. deep, flows NW.;
ascend.
- 24.40 Rocky spur, 100 ft. above creek, projects E.; descend.
- 40.00 On surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in
a mound of stone, for cor. Ts. $29\frac{1}{2}$ and 30 S., R. 20 E.,
with brass cap marked

T29 $\frac{1}{2}$ S	
R20E	T30S
S36	S6
	R21E
S1	
T30S	

1927

No other suitable accessories available.

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

From the standard cor. T. 30 S., Rs. 20 and 21 E.,
heretofore described.

West, on true line along the S. bdy. sec. 36.

Over broken bench land through medium growth of timber
and undergrowth. Ascend gradually.

- 10.10 Draw, 40 lks. wide, 3 ft. deep, drains NE.; continue
gradual ascent.

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

- 14.40 Recross same draw, drains SE.
- 40.00 On surfacerock, 60. ft. above the standard township cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked.

SC
 $\frac{1}{4}$ S36

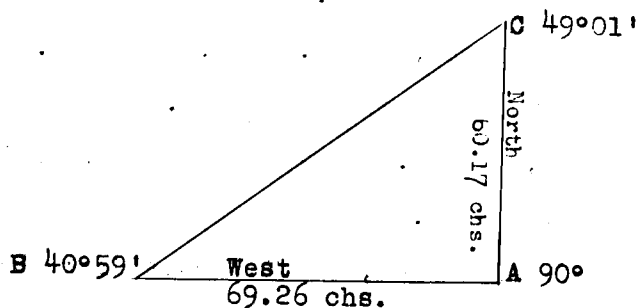
1927

From which:

A pinon, 8 ins. dian., bears N. $81^{\circ}45'$ W., 16 lks. dist., marked $\frac{1}{4}$ S36 SC BT.

No other suitable bearing tree available.

- 40.50 Recross same draw as above described, drains NE. The line to the W. of this point ascends over vertical ledges and rims which makes chaining impracticable, I therefore determine the distance by triangulation to top of ledges as follows. Being unable to obtain a suitable base at this point, I return to the township cor. and erect flag "A", and flag "B" on line to the W. at top of ledges. From flag "A", survey base line, North, 60.17 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of $49^{\circ}01'$. Vertical angle from flag "A" to "B" is plus 8° . All angles checked by repetition.



Distance by triangulation 69.26 chs.

- 69.26 To point "B" of triangulation at top of rim of ldeges, 280 ft. above the township cor., bears NW. and SE.; thence across flat top of mesa.

SURVEY OF THE SIXTH STANDARD PARALLEL, SOUTH THROUGH N. 1/2 SEC. 35, T30S, R20E, S35, S36

50.00 On flat top of mesa. 34.41

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. sec. 35 and 36, with brass cap marked.

S C
T30S | R20E
35 | 36

1927

From which:

A juniper, 3 ins. diam., bears N. 35° E., 202 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 57°45' W., 96 lks. dist., marked BT.

Land, rolling and broken with a general northerly exposure and drainage.

Soil, shallow sandy loam and sandstone surfacerock; 3rd rate.

Undergrowth, medium growth of shadscale, sagebrush, and blackbrush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

West, along the S. bdy. sec. 35.

Over flat top of mesa through medium growth of timber and undergrowth.

12.00 Rim of mesa, 50 ft. high, bears NE. and SW.; descend abruptly over bench land.

20.20 Draw, 240 ft. below top of mesa, drains N.; ascend gradually.

21.00 On surfacerock, 30 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for standard $\frac{1}{2}$ sec. cor., with brass cap marked

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

SC
 $\frac{1}{4}$ S35

1927

From which:

A pinon, 6 ins. diam., bears N. 15° W., 165 lks.
 dist., marked $\frac{1}{4}$ S35 SC BT.

No other suitable bearing tree available.

45.60 Top of ridge which forms the divide bet. Indian Creek and
 Salt Creek, 30 ft. above the $\frac{1}{4}$ sec. cor., bears N. and
 SE.; descend along broken W. slope.

54.90 Base of slope, bears N. and S.; thence over broken mesa
 land.

69.30 Sandstone ledge, 12 ft. high, bears N. and S.

80.00 On broken land, 280 ft. below top of divide.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground, for standard cor. secs. 34 and 35, with
 brass cap marked

S	C
T30S	R20E
S34	S35

1927

From which:

A juniper, 3 ins. diam., bears N. 12° E., 230 lks.
 dist., marked BT.

A juniper, 3 ins. diam., bears N. 9°15' W., 153 lks.
 dist., marked BT.

Land, rough and broken with a general northeasterly
 and northwesterly exposure and drainage.

Soil, sandy loam and sandstone surfacerock; 3rd rate.

Undergrowth, mountain rush, sage, and black brush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

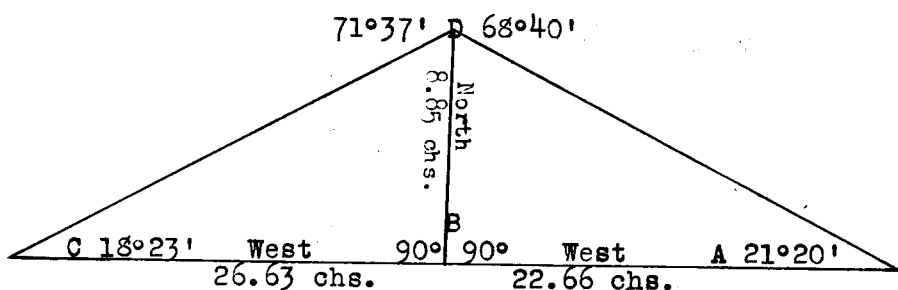
West, along the S. bdy. sec. 34.

Over rough and broken bench land through scattered

Chains

timber and undergrowth.

- 8.00 Rim of canyon, bears NE. and SW.; descend.
- 10.00 Bottom of canyon, 180 ft. below sec. cor., drains SW.; The line to the W. of this point ascends over vertical ledges and precipitous slopes over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at the standard cor. secs. 34 and 35, and flags "B" and "C" on line to the W. From flag "B", measure base line, North, 8.85 chs. distant and erect flag "D". From flag "D", flags "AB" subtend an angle of $68^{\circ}40'$, and flags "BC", subtend an angle of $71^{\circ}37'$. Vertical angle from "A" to "B" is plus $1\frac{1}{2}^{\circ}$ and from "B" to "C" is plus 2° . All angles checked by repetition and base line double chained.



Distance by triangulation A to B	22.66 chs.
Distance by triangulation B to C	26.63 chs.
Total distance to C	49.29 chs.
Distance by return measurement	9.29 chs.
	40.00 chs.

- 22.66 To point B of triangulation at top of spur, 200 ft. above bottom of canyon, projects S.; ascend by triangulation over inaccessible slopes of canyon.
- 38.50 Approximate distance; rim of canyon, 175 ft. high, bears NE. and SW.; thence over broken land.
- 40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

80
834

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

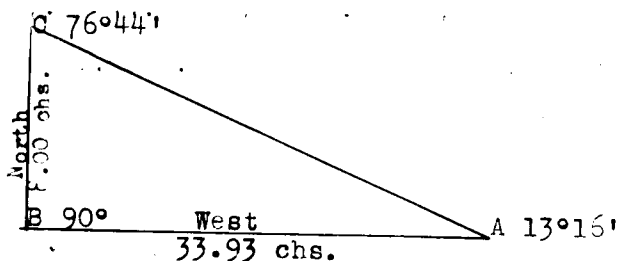
From which:

A juniper, 3 ins. diam., bears N. $31^{\circ}15'$ W., 55 lks. dist., marked BT.

A pinon, 3 ins. diam., bears S. $36^{\circ}15'$ E., 70 lks. dist., marked BT. No other suitable bearing tree in sec. 34 available.

49.29 To point "C" of triangulation at top of ridge, 50 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually.

55.77 Top of vertical rim, 100 ft. high, bears NE. and SW. The line to the W. of this point, descends along inaccessible sandstone slopes over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "B", survey base line, North 5.00 chs. distant and erect flag "C". From flag "C", flags "AB" subtend an angle of $76^{\circ}44'$. Vertical angle from A to B is minus $9^{\circ}45'$. All angles checked by repetition and base line double chained.



Distance on line	55.77 chs.
Distance by triangulation	<u>33.93 chs.</u>
Total distance on line	89.70 chs.
Distance by return measurement	<u>24.70 chs.</u>
	65.00 chs.

65.00 Base of ledges, 380 ft. below top of rim, bears NE. and SW.; thence by chaining over rolling sandy land.

80.00 On rolling sandy land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. secs. 33 and 34, with brass cap marked.

S	C
T308	R20E
S33	S34

1927

Deposit a sandstone, 8 x 4 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, rough and broken with a general northerly exposure
and drainage.

Soil, shallow loose sandy loam; 3rd rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered greasewood, sage, and black brush

Fair grazing land.

West, along the S. bdy. sec. 33.

Over rolling land through scattered undergrowth.

4.00 Wash, 20 lks. wide, 2 ft. deep, drains N.

30.10 Wash, 20 lks. wide, 2 ft. deep, drains NW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap
marked

SC
$\frac{1}{4}$ S33

1927

Deposit a sandstone, 5 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

54.30 Leave rolling land, bears N. and S.; thence ascend over
broken surfacerock.

63.20 Sandstone spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects
NE., 8.00 chs. dist. On account of an inaccessible
sandstone slope to the W. of this point which makes
chaining on line impracticable, I run on traverse as
follows.

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

CHAINS

N. 83° W., 8.78 chs. dist.

S. 82°30' W., 6.53 chs. dist.

South, 22 lks. dist. to:

78.39 Point on true line at top of spur, projects NW.; descend.
Thence on true line.

80.00 On surfacerock, 60 ft. below spur, mark a cross (X),
over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for standard cor. secs. 32 and 33, with
brass cap marked.

S	C
T30S	R20E
S32	S33

1927

No other suitable accessories available.

Land, rolling and broken with a general northerly
exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, scattered sage and black brush.

Timber, none.

Fair grazing land.

West, along the S. bdy. of sec. 32.

Over broken bench land through scattered timber and
undergrowth.

21.80 Rim of ledge, 80 ft. high, bears N. and S.; descend.

31.50 Salt Creek Wash, 3 chains wide, 10 ft. deep, with stream
of water, 10 lks. wide, 1 in. deep, flows N.; ascend.

38.70 Rim of ledge, 80 ft. above stream, bears N. and S.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass
cap marked

S	C
T30S	R20E
S32	S33

1927

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH LAYTON
Chains

- No other suitable accessories available.
- 59.90 Sandstone spur, 60 ft. high, projects N.
- 74.20 Rim of ledge, bears NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for standard cor. secs. 31 and 32, with brass cap marked

S	C
T30S	R20E
S31	S32

1927

From which:

A juniper, 3 ins. diam., bears N. 50°45' E., 71 lks. dist., marked BT.

A pinon, 8 ins. diam., bears N. 49°45' W., 37 lks. dist., marked T30S R20E S31 SC BT.

Land, rough and broken with a general northerly exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

West, along the S. bdy. sec. 31.

Over rough and broken bench land through scattered timber and meium undergrowth. Ascend abruptly.

2.90 Top of sandstone rim, 90 ft. above sec. cor., bears NE. and SW.; descend.

5.00 Draw, 50 ft. below top of rim, drains NE.; ascend.

10.50 Spur, projects NE., 40 ft. high.

13.50 Head of small box canyon, 5 chains wide, 50 ft. deep, drains N.

34.10 Top of rim of Lost Canyon, bears NE. and SW.; descend abruptly over ledges.

3 OF 6
SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20 E.

40.00 At base of ledges, 80 ft. below top, bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap
marked

SC
 $\frac{1}{4}$ S31

1927

From which:

An oak, 3 ins. diam., bears N. 35° W., 30 lks.
dist., marked BT.

No other suitable bearing tree available.

Thence across bottom lands of Lost Canyon.

46.50 Stream of water, 10 lks. wide, $1\frac{1}{2}$ ins. deep, in wash,
1 chain wide, 3 ft. deep in bottom of Lost Canyon,
flows NE.

50.50 Base of ledges, bears NE. and SW.; ascend.

50.90 Top of sandstone spur, 60 ft. above stream, projects
NE.; descend.

55.50 Marshy draw, 60 ft. below spur, drains N.; ascend.

65.00 Top of sandstone spur, 30 ft. above draw, projects NE.;
thence across head of box canyon.

72.60 Head of small box canyon, 6 chains wide, 75 ft. deep,
drains NE.

80.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in a
mound of stone, for standard cor. T. 30 S., Rs. 19
and 20 E., with brass cap marked

SC
T30S
R19E R20E
S36 S31

1927

From which:

A pinon, 10 ins. diam., bears N. $23^{\circ}15'$ E., 92 lks.
dist., marked T30S R20E S31 SC BT.

A pinon, 2 ins. diam., bears N. $34^{\circ}30'$ W., 73 lks.
dist., marked BT.

SURVEY OF THE SIXTH STANDARD PARALLEL SOUTH THROUGH R. 20

Chains

Land, rough and broken with a general northeasterly exposure and drainage.

Soil, shallow loose sandy loam and surfacerock; 3rd rat

Undergrowth, medium growth of sage, oak, and black brus

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

From the standard cor. T. 30 S., Rs. 19 and 20 E., heretofore described.

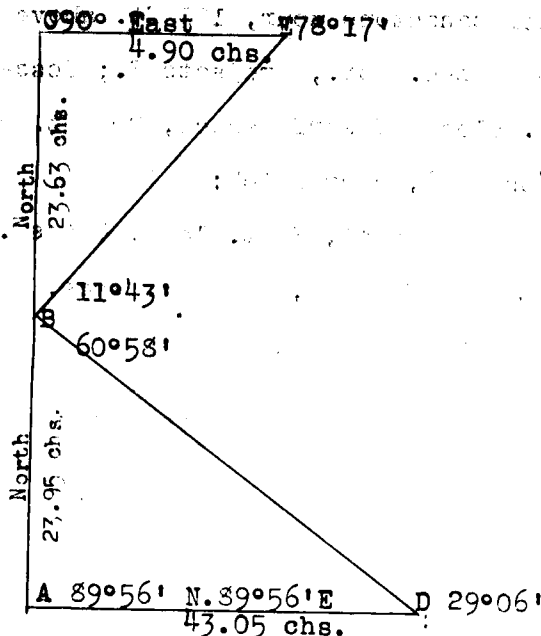
North, bet. secs. 31 and 36, along the W. bdy. of T. 30 S., R. 20 E.

Over rough and broken mountainous land through scattered timber and medium undergrowth.

The line to the N. of this cor., passes over the inaccessible slopes of surfacerock which make chaining impracticable, I therefore determine the distance to the N. as follows. High sandstone points make it impracticable to project my line N. of this point, I therefore offset East, 2.87 chs. dist. and triangulate N. from this point as follows. Erect flag "A" at this point and flags "B" and "C" to the N. on offset line. From "A", measure base line N. $89^{\circ}56'$ E., 43.05 chs. dist. and erect flag "D". From "C" measure base line East, 4.90 chs. dist. and erect flag "E" and from which point, flags "BC" subtend an angle of $78^{\circ}17'$. From "D", flags "AB" subtend an angle of $29^{\circ}06'$. The vertical angle from "A" to "B" is plus 2° and from "B" to "C" is minus 5° . All angles checked by repetition and both base lines double chained.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

040178



Distance by triangulation "A" to "B"	23.95 chs.
Distance by triangulation "B" to "C"	23.63 chs.
Total distance on offset line	<u>47.58 chs.</u>
Distance by return measurement	3.06 chs.
Total distance on offset line	<u>44.52 chs.</u>

Approximate distances to topography on true line.

- 13.00 Draw, drains NE.
- 23.67 Top of spur, 50 ft. above township cor., projects NE.
- 30.00 Right rim of box canyon; bears NE. and SW.
- 38.00 Bottom of box canyon, 150 ft. below rim, drains NE.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. secs. 31 and 36, falls on inaccessible ledge where it is impossible to reach the cor. point.
- 44.52 Offset West, 2.37 chs. dist. from offset line to true line, at top of N. rim of canyon, bears NE. and SW.
- At this point on the sandstone surfacerock, mark a cross (X), over which:
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 31 and 36, with brass cap marked.

S36 | S31
W C
1927

No other suitable accessories available.

Thence North on true line by chaining.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

20.00 Top of sandstone spur, 100 ft. above the witness cor. to the $\frac{1}{2}$ sec. cor., projects E.; descend.

30.00 On N. slope of surfacerock, 200 ft. below spur, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 25, 30, 31, and 36, with brass cap marked

T308	
R19E	R20E
825	830
836	831

1927

From which:

A point on face of ledge, 12 ft. high, marked X 831 80, bears S. $24^{\circ}30'$ E., 171 lks. dist.

A pinon, 3 ins. diam., bears N. $43^{\circ}15'$ W., 198 lks. dist., marked BT.

No other suitable accessories available.

Land, rough and broken with a general northeasterly exposure and drainage.

Soil, shallow loose sand and sandstone surfacerock; 3rd rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, medium growth of mountain rush, sage, and black brush.

Fair grazing land.

North, bet. secs. 25 and 30.

Descend gradually over broken mesa land through scattered timber and medium undergrowth.

22.50 Wash, 1 chain wide, 8 ft. deep, in bottom of Squaw Canyon, 30 ft. below cor., drains NE. Scattered cottonwood along bottom lands of canyon; thence over bottom lands of Squaw Canyon.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

Chains

- 31.00 Leave bottom of Squaw Canyon and ascend over surface-
rock slope, bears NE. and SW.
- 34.50 Low spur, 30 ft. above canyon, projects SE.; descend.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S25 | S30
1927

From which:

A juniper, 6 ins. diam., bears S. 47° E., 54 lks.
dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 8 ins. diam., bears S. 44° W., 137 lks.
dist., marked $\frac{1}{4}$ S25 BT.

- 40.30 Bottom of small draw, 110 ft. below spur, drains SE.;
ascend.
- 75.50 Sandstone spur, 50 ft. above draw, projects W.; descend.
- 80.00 On broken N. slope, 40 ft. below spur.
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
the ground to bedrock and 10 ins. in a mound of stone,
for cor. secs. 19, 24, 25, and 30, with brass cap
marked

T30S
R19E R20E
S24 | S19
S25 | S30
1927

From which:

A point on face of ledge, 10 ft. high, marked X S19 BO,
bears N. $23^{\circ}15'$ E., 210 lks. dist.

A pinon, 8 ins. diam., bears S. $85^{\circ}30'$ E., 136 lks.
dist., marked T30S R20E S30 BT.

A pinon, 10 ins. diam., bears S. 5° W., 288 lks.
dist., marked T30S R19E S25 BT.

A pinon, 8 ins. diam., bears N. 35° W., 277 lks.
dist., marked T30S R19E S24 BT.

Land, rough and broken with a general southeasterly
exposure and drainage.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

Soil, sandy loam and sandstone surface; rocky and flat.
Undergrowth, medium growth of shade trees, sage, and black
brush.
Timber, scattered scrub juniper and pinon; scattered
cottonwood along bottom lands of the canyons.
Fair grazing land.

North, bet. secs. 19 and 24.

Ascend gradually over rough and broken mesa land through
medium timber and undergrowth.

3.40 Sandstone spur, 50 ft. above cor., projects W.; thence
over rolling bench land.

40.00 On rolling bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

\uparrow
 S24 | S19
 1927

From which:

A pinon, 6 ins. diam., bears N. $50^{\circ}15'$ E., 260 lks.
dist., marked $\frac{1}{4}$ S19 BT.

A pinon, 3 ins. diam., bears N. 49° W., 177 lks.
dist., marked BT.

44.00 Small draw, drains W.

57.10 Low ridge, bears E. and W.

60.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
round of stone, for cor. secs. 13, 18, 19, and 24, with
brass cap marked

T30S
 R19E | R20E
 S13 | S18
 S24 | S19
 1927

From which:

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

Chains

A pinon, 7 ins. diam., bears N. 15° E., 352 lks.
dist., marked T30S R20E S18 BT.

A pinon, 6 ins. diam., bears S. 11°15' E., 163 lks.
dist., marked T30S R20E S19 BT.

A pinon, 14 ins. diam., bears S. 60° W., 210 lks.
dist., marked T30S R19E S24 BT.

A pinon, 16 ins. diam., bears N. 77°30' W., 363 lks.
dist., marked T30S R19E S13 BT.

Land, rolling with a general northeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of mountain rush sage, and black brush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 13 and 13.

Descend gradually over broken mesa land through medium growth of timber and undergrowth.

24.30 Rim of ledge, 40 ft. high, bears E. and W.

27.00 Draw, 130 ft. below sec. cor., drains NE.; thence over bottom of draw.

32.10 Wash, drains E.

38.00 Top of ledge, 40 ft. high, bears E. and W.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S13 | S18
 1927

From which:

A pinon, 6 ins. diam., bears N. 58°45' E., 30 lks.
dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 6 ins. diam., bears N. 75°30' W., 101 lks.
dist., marked $\frac{1}{4}$ S13 BT.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

Chains

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Thence, over bench land.
50.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 7, 12, 13, and 18, with brass cap marked

T30S	
R19E	R20E
S12	S7
S13	S18

1927

From which:

A pinon, 4 ins. diam., bears N. $42^{\circ}30'$ E., 109 lks. dist., marked T30S R20E S7 BT.

A pinon, 6 ins. diam., bears S. $10^{\circ}45'$ E., 238 lks. dist., marked T30S R20E S18 BT.

A juniper, 6 ins. diam., bears S. $53^{\circ}15'$ W., 238 lks. dist., marked T30S R19E S13 BT.

No suitable bearing tree available in sec. 12.

Land, rough and broken mesa land with a general northeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of mountain rush, sage, and black brush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 7 and 12.

Over rocky bench land through scattered timber and medium growth of undergrowth.

14.20 Top of ledges, bears NW. and SE.

36.00 Base of ledges, bears NW. and SE.; thence across level bottom lands.

40.00 On level bottom lands, 140 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

CHAINS

S12 S7

1927

From which:

A juniper, 10 ins. diam., bears S. 7° E., 333 lks.
dist., marked $\frac{1}{4}$ S7 BT.

A juniper, 10 ins. diam., bears S. 52°15' W., 483 lks.
dist., marked $\frac{1}{4}$ S12 BT.

42.30 Stream of water, 10 lks. wide, 2 ins. deep, in bottom
of Salt Creek Wash, 2 chains wide, 4 ft. deep, flows W.;
thence along bottom lands of Salt Creek Wash.

48.00 Leave bottom lands of Salt Creek Wash, bears E. and W.;
ascend gradually over bench land.

80.00 On bench land, 30 ft. above Salt Creek Wash, mark a cross
(X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 1, 6, 7, and 12, with
brass cap marked

T30S
R19E R20E
S1 S6
S12 S7
1927

From which:

A pinon, 12 ins. diam., bears N. 3°15' E., 336 lks.
dist., marked T30S R20E S6 BT.

A pinon, 4 ins. diam., bears S. 59°45' E., 122 lks.
dist., marked T30S R20E S7 BT.

A pinon, 10 ins. diam., bears S. 27°45' W., 114 lks.
dist., marked T30S R19E S12 BT.

A pinon, 10 ins. diam., bears N. 64° W., 121 lks.
dist., marked T30S R19E S1 BT.

Land, broken bench land with a general westerly exposure
and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of sage and blackbrush.

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

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Timber, scattered scrub juniper and pinon.

Fair grazing land,

North, bet. secs. 1 and 6.

Over rocky bench land through medium growth of timber and undergrowth.

40.00 On rocky bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S1 | S6
 1927

From which:

A pinon, 10 ins. diam., bears N. 46° E., 413 lks. dist., marked $\frac{1}{4}$ S6 BT.

No other suitable bearing tree available.

Deposit a sandstone, 14 x 6 x 4 ins., at base of post, marked with a cross (X).

41.50 The location of the proposed wagon road from Colorado River to the Utah Petroleum Oil Well, bears E. and W.

50.00 Top of slope, 40 ft. above the sec. cor., bears E. and W.; continue over broken bench land with a general N. drainage.

74.70 Ledge, 15 ft. high, bears E. and W.; descend

80.00 At base of ledge, 20 ft. high, bears E. and W.

Set an iron post, 3 ft. long, 3 ins. diam., 10 in. in the ground to solid rock and 20 ins. in a mound of stone, for cor. Ts. $29\frac{1}{2}$ and 30 S., Rs. 19 and 20 E., with brass cap marked

T29 $\frac{1}{2}$ S
 R19E R20E
 S36 | S31
 S1 | S6
 T30S

1927

From which:

SURVEY OF THE WEST BOUNDARY, T. 30 S., R. 20 E.

Chains

A juniper, 3 ins. diam., bears N. $71^{\circ}15'$ E., 47 lks.
dist., marked BT.

A pinon, 10 ins. diam., bears S. $76^{\circ}30'$ W., 174 lks.
dist., marked T30S R19E S1 BT.

No other suitable accessories available.

Land, broken bench land with a general westerly exposure
and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

From the cor. Ts. $29\frac{1}{2}$ and 30 S., Rs. 19 and 20 E.,
heretofore described.

East, on random line along the N. bdy. of the township
for alignment only, and fall 83 lks. S. of the corner
Ts. $29\frac{1}{2}$ and 30 S., R. 20 E., heretofore described.

The bearing of this boundary, therefore is S. $89^{\circ}54'$ W.

Thence:

From the cor. Ts. $29\frac{1}{2}$ and 30 S., R. 20 E.

S. $89^{\circ}54'$ W., on true line, bet. secs. 1 and 36.

Descend gradually over rough and broken mesa land through
scattered timber and medium undergrowth.

From this cor., the center of the casing at the
abandoned Empire Oil Well, bears S. $56^{\circ}46'$ E., 7.01
chs. dist.

15.40 Top of sandstone rim, 40 ft. high, bears NW. and SE.

30.00 Right bank of Indian Creek, wash, 120 ft. below cor.,
bears SE. and SW. Also wagon road, from Indian Creek
to Lockhart, bears N. and S.; ascend.

39.20 Same wagon road, bears NE. and SW.

40.00 On broken land, 60 ft. above Indian Creek,

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Chains

aligned

Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S36

S1

1927

Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.
No suitable bearing trees available.

From this cor., the Utah Petroleum Oil Rig, bears
S. $31^{\circ}47'$ E., 10.50 chs. dist.

41.50 Sandstone spur, 40 ft. above the $\frac{1}{4}$ sec. cor., projects
S.; descend.

42.00 Wagon road from Indian Creek to oil well, bears NW.
and SE.

46.50 Limestone ledge, 30 ft. high, bears NW. and SE.

48.60 Indian Creek, stream of water, 30 lks. wide, 2 ins.
deep, in wash, 150 lks. wide, 4 ft. deep, 120 ft.
below spur, flows N.; ascend.

49.80 Limestone ledge, 35 ft. high, bears N. and S.

74.30 Spur, 160 ft. above stream, projects NW.; thence over
rolling surfacerock.

80.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 1, 2, 35, and 36, with
brass cap marked

T29 $\frac{1}{2}$ S	R20E
S35	S36
S2	S1
T30S	

1927

From which:

A pinon, 6 ins. diam., bears N. $44^{\circ}30'$ E., 173 lks.
dist., marked T29 $\frac{1}{2}$ S R20E S36 BT.

A juniper, 2 ins. diam., bears S. $71^{\circ}15'$ W., 88 lks.
dist., marked BT.

A juniper, 8 ins. diam., bears N. $71^{\circ}45'$ W., 174 lks.
dist., marked T29 $\frac{1}{2}$ S R20E S35 BT.

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

CHAINS

No suitable bearing tree in sec. 1 available.

Land, rough and broken with a general northerly exposure and drainage.

Soil, sandy loam with sandstone and limestone outcroppings; 3rd rate.

Undergrowth, medium growth of shadscale, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°54' W., bet. secs. 2 and 35.

Descend gradually over broken bench land through scattered timber and medium undergrowth.

25.30 Draw, 160 ft. below cor., drains W.; ascend.

27.00 The S. point of spur, 120 ft. above draw, descend.

28.60 Draw, 30 ft. below point of spur, drains N.; ascend.

37.70 Sandstone spur, 130 ft. above draw, projects NE.; descend.

40.00 On surfacerock, 80 ft. below spur, mark a cross 'X', over which:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{935}{32}$$

1927

No other suitable accessories available.

41.20 Draw, 90 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend.

53.90 Ridge, 100 ft. above draw, bears N. and S.; descend.

65.60 Rim of ledge, bears N. and S.

76.40 Wash, 40 lbs. wide, 3 ft. deep, drains N. Wa on road in wash, bears N. and S. Thence over broken land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 34, and 35, with brass cap marked

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Chains

T29+S R20E

S34 S35

S3 S2

T308

1927

From which:

A juniper, 3 ins. diam., bears N. 37° E., 72 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 40° 15' W., 220 lks.
dist., marked BT.

A juniper, 6 ins. diam., bears N. 43° 30' W., 81 lks.
dist., marked T29+S R20E S34 BT.

No other suitable bearing tree available.

Land, rough and broken with a general northerly exposure
and drainage.

Soil, shallow loose sand and sandstone surfacerock;
3rd rate.

Undergrowth, medium growth of amole plants, sage, and
black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89° 54' W., bet. secs. 3 and 34.

Ascend gradually over rough and broken bench land
through scattered timber and medium undergrowth.

33.50 Ridge, 140 ft. above cor., bears N. and S.; descend
gradually.

40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S34

S3

1927

No other suitable accessories available.

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Chains

80.00 The true point for the cor. secs. 3, 4, 33, and 34, falls on steep slope of surfacerock, 100 ft. below ridge, where it is impracticable to set a permanent cor., therefore at a point North, 10 lks. dist. from the true cor., point, mark a cross (X), on the surfacerock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 3, 4, 33, and 34, with brass cap marked

T29½S	R20E
S33	S34
S4	S3
T30S	
WC	

1927

No other suitable accessories available.

Land, rough and broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, medium dense growth of mountain rush, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°54' W., bet. secs. 4 and 33, from true point for cor.

Descend gradually over rough and broken bench land through medium growth of timber and undergrowth.

9.00 Draw, 80 ft. below cor., drains N.; ascend.

19.80 Spur, 150 ft. above draw, projects NW.; descend.

33.00 Bottom of canyon, 140 ft. below spur, drains N.; continue descent.

40.00 On broken land, 40 ft. below bottom of canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

833
¼
S4.

1927

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Chains

00.00

From which:

A juniper, 8 ins. diam., bears S. $9^{\circ}15'$ W., 75 lks.
dist., marked $\frac{1}{4}$ S4 BT.

A juniper, 6 ins. diam., bears N. $47^{\circ}15'$ W., 50 lks.
dist., marked $\frac{1}{4}$ S33 BT.

44.50 Small draw, drains NE.; ascend.

49.40 Spur, 70 ft. above draw, projects S., 50 lks. dist.;
descend.

54.50 Same draw as last, 40 ft. below spur, drains SE.; ascend.

58.50 Ridge, 100 ft. above draw, bears N. and S.; descend.

65.00 Draw, 60 ft. below ridge, drains N.; ascend.

80.00 On sandstone surfacerock, 100 ft. above draw, mark a
cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 4, 5, 32, and 33, with
brass cap marked

T29 $\frac{1}{2}$ S	R20E
S32	S33
S5	S4
T30S	

1927

From which:

A juniper, 3 ins. diam., bears S. $10^{\circ}15'$ E., 88 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 25° W., 153 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears N. 58° W., 41 lks.
dist., marked BT.

No other suitable bearing trees available.

Land, rough and broken with a general northerly exposure
and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, medium growth of mountain rush, sage, and
black brush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Chains

S. 89°54' W., bet. secs. 5 and 32.

Ascend gradually over rough and broken bench land through medium growth of timber and undergrowth.

.70 Ridge, 15 ft. above cor., bears N. and S.; descend.

14.00 Wash, 30 lks. wide, 5 ft. deep, in draw, 140 ft. below ridge, drains N.; ascend.

23.40 Ridge, 120 ft. above draw, bears N. and S.; descend.

37.10 Draw, 80 ft. below ridge, drains N.; ascend.

39.52 Base of ledge, 50 ft. high, bears NE. and SW.

At this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 5 and 32, with brass cap marked

$$\begin{array}{r} \text{WC } \frac{1}{4} \text{ S32} \\ \hline \text{S5} \end{array}$$

1927

From which:

A juniper, 3 ins. diam., bears S. 52° E., 28 lks. dist., marked BT.

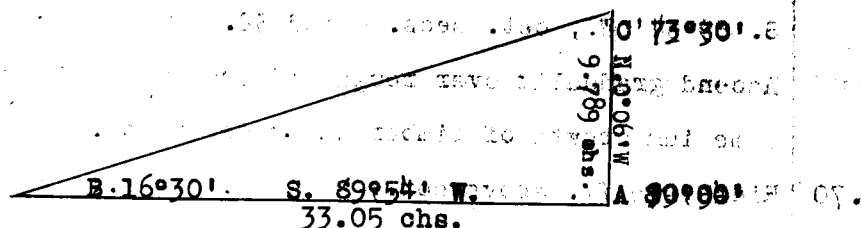
A pinon, 10 ins. diam., bears N. 52° W., 64 lks. dist., marked WC $\frac{1}{4}$ S32 BT.

40.00 True point for the $\frac{1}{4}$ sec. cor. secs. 5 and 32, falls on sloping face of ledge where it is impossible to set cor.

42.55 Top of ledge, bears NE. and SW. The line to the W. of this point ascends over vertical ledges which make chaining impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A", survey base line N. 0°06' W., 9.789 chs. dist., and erect flag "C", and from which point, flags "AB" subtend an angle of 73°30'. All angles checked by repetition and base-line double chained. Vertical angle from "A" to "B" is plus 7 $\frac{1}{2}$ °.

SURVEY OF THE NORTH BOUNDARY, T. 30 N. R. 20 E.

Chains



Distance on line 42.55 chs.
Distance by triangulation 33.05 chs.
Total distance on line 75.60 chs.

75.60 To point "B" of triangulation at top of vertical ledges,
100 ft. high, bears N. and SE.; continue ascent.

80.00 On surfacerock, 40 ft. above top of ledge, mark a cross
(X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone, for cor. secs. 5, 6, 31, and 32,
with brass cap marked

T29¹/₂S R20E
S31 S32

S6 S5
T30S

1927

From which:

A pinon, 6 ins. diam., bears N. 30°30' E., 31 lks.
dist., marked T29¹/₂S R20E S32 BT.

No other suitable bearing trees available.

Land, rough and broken, with a general northerly
exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, medium growth of mountain rush, sage, and
black brush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

S. 89°54' W., bet. secs. 6 and 31.

Ascend gradually over rough and broken bench land through
scattered timber and medium undergrowth.

1.00 Ridge, 15 ft. above cor., bears N. and S.; descend.

40.00 On surfacerock, 100 ft. below ridge, mark a cross (X),
over which:

SURVEY OF THE NORTH BOUNDARY, T. 30 S., R. 20 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

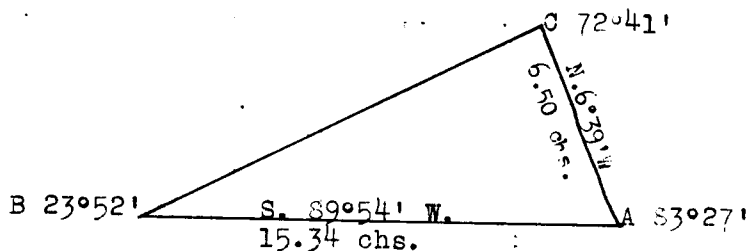
831

86

1927

No other suitable accessories available.

The line to the W. of this cor., passes over a box canyon over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A", measure base line "AC", N. 6° 39' W., 6.50 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of 72° 41'. All angles checked by repetition and base line double chained.



Distance on line	40.00 chs.
Distance by triangulation	15.34 chs.
Total distance on line	55.34 chs.

47.00 Approximate distance; bottom of box canyon, 200 ft. below the $\frac{1}{4}$ sec. cor., drains N.

55.34 Spur, 200 ft. above canyon, projects N.; thence descend abruptly over broken W. slope.

79.74 The cor. Ts. 29 $\frac{1}{2}$ and 30 S., Rs. 19 and 20 E., 220 ft. below spur, heretofore described.

Land, rough and broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered sage and blackbrush.

Fair grazing land.

On line

From the standard cor. secs. 35 and 36, thence before described.

N. 0°01' E., bet. secs. 35 and 36, parallel to the E. boundary of the township.

Over broken bench land through medium growth of timber and undergrowth,

4.80 Rim of ledge, 30 ft. high, bears NE. and SW.; descend gradually over broken NW. slope.

36.60 Rim of ledge, 20 ft. high, bears NW. and NE.

38.00 Draw, 520 ft. below sec. cor., drains NW.; continue gradual descent.

40.00 On broken land, at N. side of draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked.

\uparrow
 S35 S36
 1927

From which:

A juniper, 12 ins. diam., bears S. 22° E., 53 lks. dist., marked $\frac{1}{4}$ S36 BT.

A juniper, 8 ins. diam., bears N. 31°30' W., 114 lks. dist., marked $\frac{1}{4}$ S35 BT.

51.40 Rim of ledge, 20 ft. high, bears NE., and SW. 2.00 chs. dist.; thence across sandy bottom lands of draw.

56.00 Bottom of draw, drains NE.; continue gradual descent.

68.80 Same draw, drains NW.

77.60 Same draw, drains NE.

80.00 At base of sloping ledge, 140 ft. below the $\frac{1}{4}$ sec. cor., bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock, and 22 ins. in a mound of stone, for cor. secs. 25, 26, 35, and 36, with brass cap marked.

SUBDIVISION OF, T. 30 S., R. 20 E.

T30S	R20E
S26	S25
S35	S36

1927

From which:

A juniper, 6 ins. diam., bears N. 9° E., 206 lks.
dist., marked T30S R20E S25 BT.

A juniper, 3 ins. diam., bears S. 51°15' E., 35 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 6°30' W., 107 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears N. 16° W., 10 lks..
dist., marked BT.

Land, broken, with a general northerly exposure and
drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, scattered sage, and blackbrush.

Timber, medium growth of scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the E. bdy. of the township, 12 lks. S. of the
corner secs. 25, 30, 31, and 36, heretofore described.

Thence:

S. 89°55' W., on true line bet. secs. 25 and 36.

Over rolling land through scattered timber and under-
growth; descend gradual W. slope.

24.40 Draw, 120 ft. below cor., drains NE.; continue over
rolling land.

40.05 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground to solid rock and 20 ins. in a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

825

836

1927

From which:

A pinon, 6 ins. diam., bears S. 5°30' W., 20 lks. dist., marked $\frac{1}{4}$ S36 BT.

No other suitable bearing tree available.

54.50 Draw, same level as last draw, drains NE.; ascend gradually.

63.20 Spur, 50 ft. above draw, projects N.; descend gradual W. slope.

76.50 Draw, 50 ft. below spur, drains NE.; ascend gradual SE. slope.

80.10 The cor. secs. 25, 26, 35, and 36, 60 ft. above draw. Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattered amole plant, sage, and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 0°-01' E., bet. secs. 25 and 26.

Descend gradual NW. slope of rolling and broken land through scattered timber and undergrowth.

12.10 Draw, 40 ft. below cor., drains NE.; continue gradual descent.

23.97 Trail, bears E. to Indian Creek and W. to Salt Creek.

30.10 Draw, 60 ft. below sec. cor., drains E.; ascend gradual S. slope.

40.00 On gradual S. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 1-in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

826 | 825

1927

3 OF SUBDIVISION OF, T. 30 S., R. 20 E.

From which:

A juniper, 4 ins. diam., bears S. 62° E., 192 lks.
dist., marked $\frac{1}{4}$ S25 BT.

A juniper, 4 ins. diam., bears S. 18°15' W., 54 lks.
dist., marked $\frac{1}{4}$ S26 BT.

67.80 Sandstone spur, 180 ft. above the $\frac{1}{4}$ sec. cor., projects
NE.; thence descend gradually over broken NW. slope.

80.00 On broken NW. slope, 30 ft. below top of spur.
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
the ground to solid rock and 18 ins. in a mound of stone,
for cor. secs. 23, 24, 25, and 26, with brass cap
marked.

T30S	R20E
S23	S24

S26	S25
-----	-----

1927

From which:

A juniper, 3 ins. diam., bears N. 47°30' E., 99 lks.
dist., marked BT.

A pinon, 6 ins. diam., bears S. 41°15' E., 183 lks.
dist., marked T30S R20E S25 BT.

A juniper, 3 ins. diam., bears S. 57°45' W., 190 lks.
dist., marked BT.

A juniper, 8 ins. diam., bears N. 37°30' W., 43 lks.
dist., marked T30S R20E S23 BT.

Land, broken and rolling, with a general northeasterly
exposure and drainage.

Soil, shallow sandy loam and surface rock; 3rd rate.

Undergrowth, scattered sage and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 89°55' E., on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the E. bdy. of the township, 16 lks. N. of the

SUBDIVISION OF, T. 30 S., R. 29 E.

Chains	
	cor. secs. 19, 24, 25, and 30, heretofore described.
	Thence:
	N. 89°58' W., on true line bet. secs. 24 and 25.
	Ascend gradually over broken E. slope of spur through medium growth of timber and undergrowth.
4.00	Sandstone spur, 30 ft. above cor., projects S., about 8.00 chs. dist.; descend gradual W. slope.
36.60	Draw, 40-ft. below spur, drains SE.; thence over bottom lands of draw.
40.02	At base of gradual ascent over NE. slope, bears NW. and SE.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S24 \\ \frac{1}{4} \\ S25 \\ 1927 \end{array}$
	From which:
	A juniper, 6 ins. diam., bears N. 35°15' E., 51 lks. dist., marked $\frac{1}{4}$ S24 BT.
	A juniper, 6 ins. diam., bears S. 11°15' E., 64 lks. dist., marked $\frac{1}{4}$ S25 BT.
	Thence ascend gradually over broken NE. slope.
67.30	Rim of ledge, bears SE. and NW.
80.04	The cor. secs. 23, 24, 25, and 26, 140 ft. above the $\frac{1}{4}$ sec. cor.
	Land, broken, with a general southerly exposure and drainage.
	Soil; shallow sandy loam and surface rock; 3rd rate.
	Undergrowth, medium growth of sage and blackbrush.
	Timber, medium growth of scrub juniper and pinon.
	Fair grazing land.
	N. 0°01' E., bet. secs. 23 and 24.
	Ascend gradual SE. slope of divide bet. Salt and Indian

SUBDIVISION OF, T. 30 S., R. 20 E.

Chains

Creeks, through scattered timber and undergrowth.

26.70 Top of divide bet. Salt and Indian Creeks, 110 ft. above cor., bears NE. and SW.; descend gradually over broken NW. slope.

40.00 On broken NW. slope of surfacerock, 100 ft. below divide, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23	S24
1927	

No other accessories available.

43.00 Rim of ledge, bears E. and W.

60.00 Base of descent, bears E. and W.; thence over rolling land.

68.80 Draw, 180 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; continue over rolling land.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 14, 23, and 24, with brass cap marked

T30S	R20E
S14	S13
S23	S24
1927	

From which:

A juniper, 3 ins. diam., bears N. 5° E., 516 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 11° W., 380 lks. dist., marked BT.

No other accessories available.

Land, rough and broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, scattered sage and blackbrush.

SUBDIVISION OF, T. 30 S., R. 20 E.

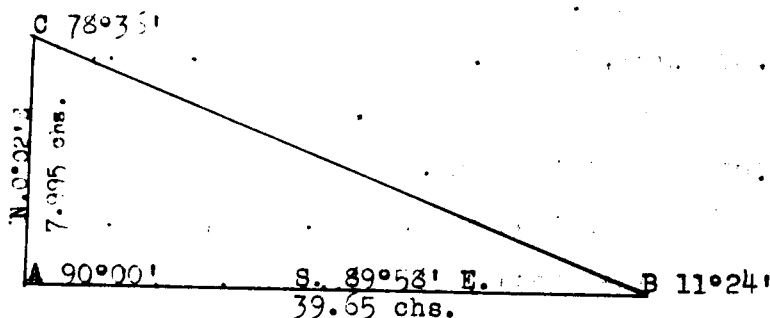
Chains

Timber, scattered scrub juniper and pinon

Fair grazing land.

S. $89^{\circ}58'$ E., on random line bet. secs. 13 and 24.

The line to the E. of the cor. secs. 13, 14, 23, and 24 passes over high vertical ledge over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line N. $0^{\circ}02'$ E., 7.995 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of $78^{\circ}36'$. Vertical angle from "A" to "B" is plus $14^{\circ}15'$. All angles checked by repetition and base line double chained.



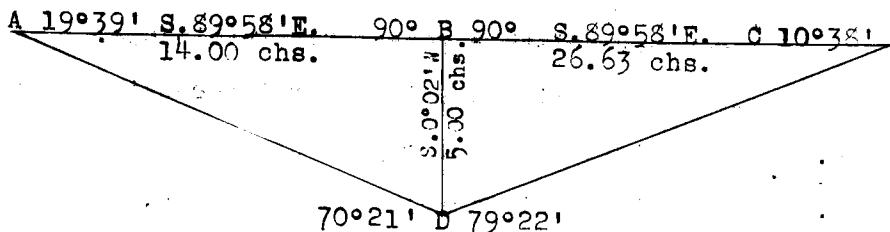
Distance by triangulation 39.65 chs.

39.05 To point "B" of triangulation; set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

39.67 The line to the E. of this point, passes over the inaccessible walls of a box canyon, over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flags "B" and "C" on line to the E. From "A" measure base line S. $0^{\circ}02'$ W., 5.00 chs. dist. and erect flag "D". From "D", "AB" subtends an angle of $70^{\circ}21'$, and "BC" subtends an angle of $79^{\circ}22'$. No vertical angle from "A" to "B". The vertical angle from "B" to "C" is minus 7° . All angles checked by repetition and base line double chained.

SUBDIVISION OF, T. 30 S., R. 20 E.

Chains



Distance on line	39.67 chs.
Distance by triangulation, "A" to "B"	14.00 chs.
Total distance on line	53.67 chs.
Distance by triangulation "B" to "C"	26.63 chs.
Distance by return measurement	80.30 chs.
	.10 chs.
	80.20 chs.

80.20 Intersect the cor. secs. 13, 18, 19, and 24, on the E. bdy. of the township.

Thence:

N. 89°58' W., on true line bet. secs. 13 and 24.

By triangulation; Ascend gradually over broken SE. slope of ledges through scattered undergrowth and timber.

26.53 To point "B" of triangulation at top of sandstone spur, projects NE.; 220 ft. above sec. cor.; continue by triangulation over inaccessible breaks of canyon.

30.00 Approximate distance; bottom of canyon, 200 ft. deep, drains NE.

40.10 True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible ledges where it is impracticable to set cor.

40.53 To point "A" of triangulation.

40.55 To point "B" of triangulation at top of divide bet. Salt and Indian Creeks, 200 ft. above bottom of canyon, bears N. 20° E. and S. 20° W.

At this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor, secs. 13 and 24, with brass cap marked

S13
 $\frac{1}{4}$ WC
S24

1927

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	
	No other suitable accessories available.
	Thence by triangulation over inaccessible ledges.
55.00	Approximate distance; base of ledges, bears NE. and SW.
70.00	Approximate distance; bottom of draw, drains NW.
80.20	The cor. secs. 13, 14, 23, and 24.
	Land, broken by ledges with a general northerly exposure and drainage.
	Soil, shallow sandy loam and surface rock; 3rd rate.
	Undergrowth, scattered amole plant, sage, and blackbrush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	N. 0°01' E., bet. secs. 13 and 14.
	Over rolling land through scattered timber and undergrowth.
16.00	Road, bears NE. to Indian Creek and SW. to Salt Creek.
31.00	Small spur, projects NE.
40.00	On rolling land, 50 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.; with brass cap marked
	<div style="text-align: center;"> \uparrow S14 | S13 1927 </div>
	From which:
	A juniper, 3 ins. diam., bears S. 42° E., 124 lks. dist., marked BT.
	A juniper, 3 ins. diam., bears N. 60°30' W., 75 lks. dist., marked BT.
43.00	Road, bears E. to Indian Creek and NW. to grove of juniper.
48.00	Sandstone ledge, 8 ft. high, bears NE. and SW.
65.60	Wash, 50 lks. wide, 1 ft. deep, drains NE.
80.00	On rolling land, 60 ft. below the $\frac{1}{4}$ sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

SUBDIVISION OF, T. 30 S., R. 20 E.

in the ground, for cor. secs. 11, 12, 13, and 14,
with brass cap marked

T30S	R20E
S11	S12

S14	S13
-----	-----

1927

Mark a cross (X) on a stationary sandstone, 3 x 2 ft.
and 6 ins. above ground, along W. side of cor.

No other suitable accessories available.

Land, rolling, with a general northeasterly exposure and
drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, scattered sage and blackbrush.

Timber, scattered scrub juniper and piñon.

Fair grazing land.

S. 89°58' E., on random line bet. secs. 12 and 13.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the cor. of secs. 7, 12, 13, and 14, on the
E. bdy. of the township, heretofore described.

Thence:

N. 89°58' W., on true line bet. secs. 12 and 13.

Over rolling land through scattered timber and under-
growth.

Road; bears NW. to oil well and SE. to Indian Creek.

On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 37 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S12
$\frac{1}{4}$
S13

1927

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Small draw, drains N.

Small draw, drains NE.

The cor. secs. 11, 12, 13, and 14.

Chains

Land, rolling, with a general northerly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattered amole plant, mountain rush, and black brush.

Timber, a few scattered scrub juniper and pinon.

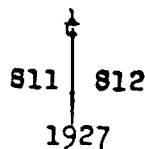
Fair grazing land.

N. 0°01' E., bet. secs. 11 and 12:

Over rolling land, through very scattered timber and medium growth of undergrowth.

00.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked



Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).

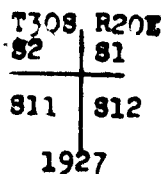
No other suitable accessories available.

00.30 Road, bears E. to Indian Creek and W. to Oil well.

02.00 Small draw, drains NE.

30.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and 13 ins. in a mound of stone for cor. secs. 1, 2, 11, and 12, with brass cap marked



From which:

A juniper, 3 ins. diam., bears N. 20°30' E., 347 lks. dist., marked BT.

No other suitable accessories available.

SUBDIVISION OF T. 30 S., R. 20 E.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattered sage and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

S. $89^{\circ}58'$ E., on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.22 Intersect the E. bdy. of the township, 7 lks. S. of the cor. secs. 1, 6, 7, and 12.

Thence:

S. $89^{\circ}59'$ W., on true line bet. secs. 1 and 12.

Descend gradually over rolling and broken land through scattered timber and medium growth of undergrowth.

5.30 Road, bears N. to Lockhart and S. to Indian Creek.

21.70 Draw, 50 ft. below sec. cor., drains N.; ascend gradually.

29.00 Spur, 40 ft. above draw, projects N.; descend gradually.

40.11 On surfacerock, 50 ft. below spur, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1
—
S12
1927

From which:

A pinon, 6 ins. diam., bears N. $38^{\circ}45'$ E., 152 lks. dist., marked $\frac{1}{4}$ S1 BT.

A juniper, 6 ins. diam., bears S. 26° W., 119 lks. dist., marked $\frac{1}{4}$ S12 BT.

48.10 Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; road in bottom of draw, bears NE. and SW.; ascend gradually.

80.22 The cor. secs. 1, 2, 11, and 12, 50 ft. above draw.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Land, rolling and broken, with a general northeasterly exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium growth of sage and black brush.

Timber, scattered scrub juniper and pinoh.

Fair grazing land.

N. 0°01' E., on random line bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.79 Intersect the N. bdy. of the township, 28 lks. W. of the cor. secs. 1, 2, 35, and 36; heretofore described.

Thence:

S. 0°13' W., on true line bet. secs. 1 and 2.

Ascend gradually over rough and broken land through scattered timber and medium undergrowth.

33.00 Low spur, 30 ft. above cor., projects NE.; descend gradual SE. slope.

39.79 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

†
S2 | S1

1927

No other suitable accessories available.

42.30 Draw, 80 ft. below spur, drains SE.; ascend gradual NW. slope.

47.50 Small draw, drains NE.

54.00 Trail, bears NE. and SW.

79.79 The cor. secs. 1, 2, 11, and 12, 100 ft. above draw.

Land, rough and broken with a general northerly exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper.

Fair grazing land.

CHALK

From the standard cor. secs. 34 and 35, heretofore described.

N. 0°01' E., bet. secs. 34 and 35.

Descend gradually over rough and broken land through medium growth of timber and undergrowth.

2.30 Left rim of box canyon, bears NE. and SW.

5.30 Bottom of box canyon, 150 ft. below rim, drains SW. and heads about 6.00 chs. to the NE.; ascend abruptly.

7.00 Right rim of box canyon, bears E. and W.

19.80 Ridge, 230 ft. above bottom of canyon, bears NW. and SE.; descend gradual NE. slope.

40.00 On surfacerock, 60 ft. below ridge, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S34 | S35
 1927

From which:

A pinon, 8 ins. diam., bears N. 11°30' E., 85 lks. dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 3 ins. diam., bears S. 22° W., 32 lks. dist., marked BT.

42.60 Rim of ledge, 200 ft. high at head of box canyon, rim bears NW. and SE., canyon drains NW.

67.30 Rim of draw, bears E. and W.; descend over ledges.

70.00 Base of slope, 160 ft. below the $\frac{1}{4}$ sec. cor., bears E. and W.; thence over sandy bottom lands of draw.

74.20 Trail, bears E. to Indian Creek and W. to Salt Creek.

76.90 Wash, 30 lks. wide, 3 ft. deep, in bottom of draw, drains W.

78.90 At base of surfacerock, bears E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone,

SUBDIVISION OF, T. 30 S., R. 20 E.

Chains

for witness cor. to the cor. secs. 26, 27, 34, and
with brass cap marked.

WC	
T30S	R20E
S27	S26
S34	S35

1927

From which,

A point on face of ledge, marked WC X B0, bears
North, 4 lks. dist.

A juniper, 6 ins. diam., bears S. 21° W., 108 lks.
dist., marked T30S R20E S34 WC BT.

No other suitable accessories available.

30.00 True point for the cor. secs. 26, 27, 34, and 35, fall
on inaccessible face of ledge.

Land, rough and broken with a general westerly exposure
and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, medium scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 26 and 35.

The true point for the cor. secs. 26, 27, 34, and 35,
is inaccessible, I therefore commence at a point,
4.02 chs. South of the true cor. point:

Thence, East on offset line.

40.00 Offset North, 4.02 chs. dist to true random line and
set temp. 1/4 sec. cor.

Thence, East on random line.

50.06 Intersect the N. and S. line; 5 lks. S. of the cor. sec.
25, 26, 35, and 36.

Thence:

S. 39°58' W., on true line bet. secs. 26 and 35.

Ascend gradually over rough and broken bench land through

SUBDIVISION OF, T. 30 S., R. 20 E.

medium growth of timber and undergrowth.

25.60 Trail, bears NE. to Indian Creek and SW. to Salt Creek.

40.03 On top of divide bet. Indian and Salt Creeks, 240 ft.

above sec. cor., bears N. and S., mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S26 \\ \frac{1}{4} \\ S35 \\ \hline 1927 \end{array}$$

From which:

A juniper, 6 ins. diam., bears S. $20^{\circ}45'$ E., 253 lks. dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 3 ins. diam., bears N. 11° W., 89 lks. dist., marked BT.

The line to the W. of this cor., passes over sandstone ledges and rims over which I am unable to chain, I therefore offset as follows.

South, 4.02 chs. dist.

Thence, S. $89^{\circ}50'$ W., on offset line with continuous measurement, giving distance to topography on offset line.

52.00 Base of ledges, bears NW. and SE.; thence along bottom lands of draw.

65.10 Wash in bottom of draw, drains NW.

80.06 Intersect the N. and S. line, 4.02 chs. dist. from the true point for the cor. secs. 26, 27, 34, and 35, 140 ft. below top of divide.

Land, rough and broken, with a general northeasterly and northwesterly exposure and drainage.

Soil, shallow sandy loam and sandstone surfacerock; 3rd rate.

Undergrowth, medium rabbit, sage, and black brush.

Timber, medium scrub juniper and pinon.

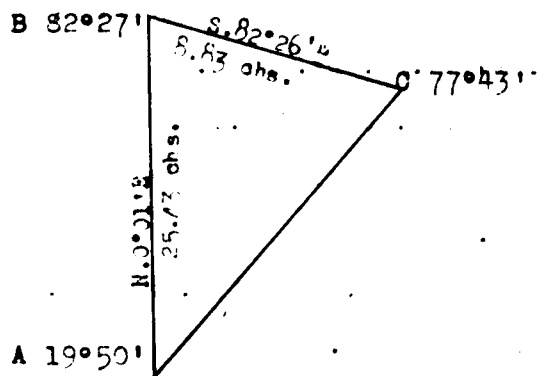
Fair grazing land.

SUBDIVISION OF, T. 30 S., R. 20 E.

Chains

N. 0°01' E., bet. secs. 26 and 27.

The true point for the cor. secs. 26, 27, 34, and 35, which is N. 0°01' E., 1.10 chs. dist. from the with cor. to the cor. said secs., is inaccessible, and the line to the N. of this cor. point, passes over high inaccessible ledges over which I am unable to chain. I therefore determine the distance by triangulation as follows. It being impossible to project a line to the N. from the true point for the cor. secs. 26, 27, 34, and 35, I return to a point S. 0°01' W., 13 chs. dist. from said cor. point and erect flag "A". Erect flag "B" on line to the N., and from flag "B" measure base line "BC", S. 82°26' E.; 8.83 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of 77°43'. Vertical angle from "A" to "B" is plus 1°15'. All angles checked by repetition and base line double chained.



Dist. by triangulation	25.43 chs.
Dist. from "A" to true point for sec. cor.	13.10 chs.
Total distance on line	12.33 chs.

- 2.00 Approximate distance; sandstone rim, 100 ft. high, bears E. and W.
- 12.33 To point "B" of triangulation at top of spur, 50 ft. above true point for sec. cor., projects E.; thence by direct measurement over broken mesa land through medium growth of timber and undergrowth.
- 22.00 Head of box canyon, 150 ft. deep, drains SW.
- 40.00 On broken mesa land.
- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

the ground to solid rock and 6 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked.

\uparrow
 S27 | S26
 1927

From which:

A juniper, 4 ins. diam., bears N. $56^{\circ}45'$ E., 43 lks.
dist., marked $\frac{1}{4}$ S26 BT.

A juniper, 4 ins. diam., bears S. 4° W., 10 lks.
dist., marked $\frac{1}{4}$ S27 BT.

- 46.70 Draw, drains SW.; ascend gradually.
- 60.00 Head of small draw, drains W.
- 62.30 Spur, 120 ft. above draw, projects W., about 4.00 chs.
dist.; descend gradually.
- 68.00 Head of small draw, 30 ft. below spur, drains W.; continue
gradual descent.
- 80.00 On gradual N. slope, 40 ft. below draw.
- Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
the ground to solid rock and 12 ins. in a mound of
stone, for cor. secs. 22, 23, 26, and 27, with brass
cap marked.

T30S | R20E
 S22 | S23
 S27 | S26
 1927

Deposit a sandstone, 4 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, rough and broken, with general westerly exposure
and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium shadscale, sage, and black brush.

Timber, medium scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	
	N. 89°58' E., on random line bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 23, 24, 25, and 26.
	Thence:
	West, on true line bet. secs. 23 and 26.
	Ascend gradually over broken bench land through scattered timber and undergrowth.
13.60	Top of divide bet. Indian and Salt Creeks, 80 ft. above sec. cor., bears NE. and SW.; descend gradual NW. slope.
35.30	Draw, 120 ft. below divide, drains N.; ascend gradual E. slope.
40.03	On gradual E. slope, 140 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked.
	<div style="text-align: center;"> S23 <hr style="width: 50px; margin: 0 auto;"/> S26 1927 </div>
	Deposit a sandstone, 8 x 7 x 6 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
40.30	Rim of ledge, bears NW. and SE.
46.00	Head of box canyon, 60 ft. deep, drains NW.
62.00	Rim of ledge, bears NE. and SW.; descend gradually.
72.30	Draw, 110 ft. below rim, drains N.; ascend abruptly.
72.50	Rim of ledge, 110 ft. above draw, bears NE. and SW.
80.06	The cor. secs. 22, 23, 26, and 27.
	Land, rough and broken, with a general westerly exposure and drainage.
	Soil, shallow sandy loam and surface rock; 3rd rate.
	Undergrowth, scattered sage and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.

SUBDIVISION OF, T. 30 S., R. 20 E.

N. 0°01' E., bet. secs. 22 and 23.

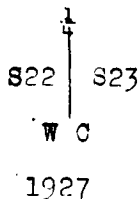
Descend gradually over rough and broken mesa land through medium growth of timber and undergrowth.

25.70 Head of draw, 280 ft. below cor., drains NE.; ascend gradual SE. slope.

37.60 Sandstone spur, 100 ft. above draw, projects NE., 3.00 to low ridge chs. dist/; descend gradual NW. slope.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on sloping sandstone ledge, where it is impracticable to set a permanent cor.

41.34 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



From which:

A pinon, 6 ins. diam., bears S. 55° E., 197 lks. dist., marked $\frac{1}{4}$ S23 WC BT.

A pinon, 8 ins. diam., bears N. 73°45' W., 132 lks. dist., marked $\frac{1}{4}$ S22 WC BT.

59.00 Leave timber, bears NE. and SW.; thence over rolling land.

80.00 On rolling land, 80 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 14, 15, 22, and 23, with brass cap marked

T30S	R20E
S15	S14
S22	S23

1927

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rough and rolling, with a general southerly and northwesterly exposure and drainage.

SUBDIVISION OF, T. 30 S., R. 20 W.

Chains

Soil, loose sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, medium scrub juniper and pino.

Fair grazing land.

East, on random line bet. secs. 14 and 23.

+0.00 Set temp. $\frac{1}{4}$ sec. cor.

20.14 Intersect the N. and S. line, 2 lks. S. of the cor.
secs. 13, 14, 23 and 24.

Thence:

S. $89^{\circ}59'$ W., on true line bet. secs. 14 and 23.

Over rough and broken land through scattered timber and
medium growth of undergrowth; descend gradually.

18.30 Draw, 40 ft. below cor., drains NW.; ascend gradually.

26.00 Spur, 50 ft. above draw, projects N.; descend gradually.

40.07 On gradual NW. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S14
—
S23
1927

From which:

A juniper, 3 ins. diam., bears N. 44° W., 76 lks.
dist., marked BT.

A juniper, 5 ins. diam., bears S. 8° W., 131 lks.
dist., marked $\frac{1}{4}$ S23 BT.

41.20 Draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend
gradually.

42.20 Rim of ledge, 15 ft. high, bears NE. and SW.

52.40 Ridge, 50 ft. above draw, bears N. and S.; descend
gradual W. slope.

50.14 The cor. secs. 14, 15, 22, and 23, 200 ft. below ridge.
Land, rough and broken, with a general northerly
exposure and drainage.

SUBDIVISION OF T. 30 S., R. 20 E.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. 0°01' E., bet. secs. 14 and 15.

Ascend gradual S. slope of rough and broken land through scattered timber and medium growth of undergrowth.

2.20 Road, bears NE. to Indian Creek and SW. to Salt Creek.

40.00 On gradual SW. slope, 90 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S15 | S14
 1927

From which:

A juniper, 3 ins. diam., bears S. 47°15' E., 169 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 61° W., 231 lks. dist., marked BT.

43.80 Sandstone spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend abruptly over broken N. slope.

56.10 Base of broken N. slope, 200 ft. below spur, bears NW. and SE.; thence over rolling land.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 10, 11, 14; and 15, with brass cap marked

T30S | R20E
 S10 | S11
 S15 | S14

1927

Deposit a sandstone, 7 x 6 x 5 ins., at base of post, marked with a cross (X).

SUBDIVISION OF T. 30 S., R. 20 E.

No other suitable accessories available.

Land, broken and rolling with a general northeasterly exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $89^{\circ}59'$ E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

50.04 Intersect the N. and S. line, 9 lks. S. of the cor. sec. 11, 12, 13, and 14.

Hence:

S. $89^{\circ}55'$ W., on true line bet. secs. 11 and 14.

Ascend gradually over rolling land through medium undergrowth.

40.00 On top of low spur, 70 ft. above sec. cor., projects NE

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S11

S14

1927

Deposit 1 quart of charcoal at base of post.

No other suitable accessories available.

Hence descend gradually.

40.00 Draw, 20 ft. below spur, drains NE.; ascend gradually.

50.04 The cor. secs. 10, 11, 14, and 15, 40 ft. above draw.

Land, rolling with a general northeasterly exposure and drainage.

Soil, sandy loam; 3rd rate.

Undergrowth, medium amole plant, mountain rush, sage, and black brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chain

N. 0°01' E., bet. secs. 10 and 11.

Over rolling bench land through medium undergrowth.

28.00 Low ridge, bears NE. and SSW.; descend gradually.

29.60 Sandstone spur, 15 ft. high, projects NE.

40.00 On rolling land, 80 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S10 | S11
 1927

From which:

A juniper, .4 ins. diam., bears N. 40°45' E., 164 lks. dist., marked $\frac{1}{4}$ S11.BT.

A juniper, 3 ins. diam., bears N. 61°45' W., 37 lks. dist., marked BT.

Continue gradual descent over rolling land.

80.00 On rolling land, 80 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 10, and 11, with brass cap marked.

T30S, R20E
 S3 | S2
 S10 | S11
 1927

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling with a general northerly exposure and drainage.

Soil, sandy loam and surface rock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	
	N. 89°55' E., on random line bet. sects. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect the N. and S. line, 2 lks. N. of the cor.
	1, 2, 11, and 12.
	Thence:
	S. 89°56' W., on true line bet. secs. 2 and 11.
	Ascend gradually over rough and broken land through scattered timber and medium undergrowth.
25.60	Low ridge, 50 ft. above sec. cor., bears N. and S.; thence over rolling land.
39.96	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} 82 \\ + \\ 11 \\ \hline 1927 \end{array}$
	Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
59.10	Road, bears NW. to oil well and SE. to Indian Creek.
79.92	The cor. secs. 2, 3, 10, and 11, 100 ft. below top of ridge.
	Land, broken and rolling, with a general northwesterly exposure and drainage.
	Soil, shallow sandy loam and surface rock; 3rd rate.
	Undergrowth, medium sage and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	N. 0°13' E., on random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.68	Intersect the N. bdy. of the township, 21 lks. E. of the cor. secs. 2, 3, 34, and 35, heretofore described.
	Thence:

SUBDIVISION QF, T. 30 S., R. 20 E.

Chains

S. 0°04' W., on true line bet. secs. 2 and 3.

Over rolling land through medium undergrowth.

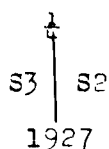
4.00 Road, bears NE. to bill well and SW. to Indian Creek.

6.60 Small draw, drains NE.

31.50 Small draw, drains NW.

39.68 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 5 x 5 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

58.30 Same road as at the 4.00 chs. point, bears NW. and SE.

79.68 The cor. secs. 1, 2, 11, and 12.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, sandy loam; 2nd rate.

Undergrowth, medium sage and black brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

From the standard cor. secs. 33 and 34, heretofore described.

North, bet. secs. 33 and 34.

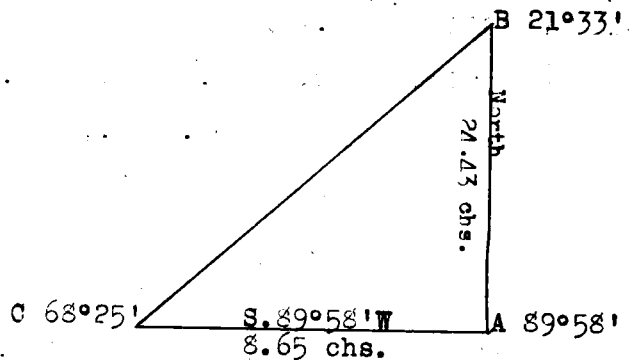
Over rough and broken bench land through scattered timber and medium undergrowth.

The line to the N. of this cor., ascend over the vertical walls of a sandstone spur, over which chaining is impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A",

SUBDIVISION OF T. 30 S., R. 20 E.

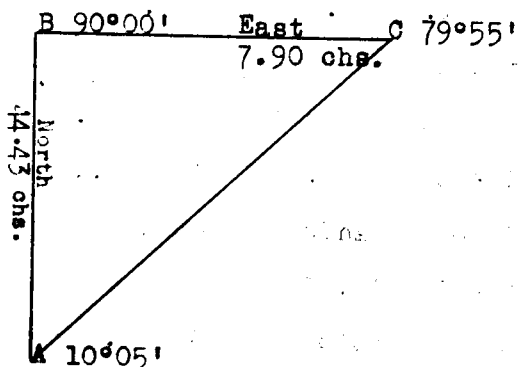
Chains

measure base line, "AC", S. 89°58' W., 9.65 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of 68°25'. Vertical angle from "A" to "B" is plus 7°. All angles checked by repetition and base line double chained.



Distance by triangulation 24.43 chs.

- 20.00 Approximate distance; base of ledges, bears E. and W.
- 24.43 To point "B" of triangulation; thence by direct measurement.
- 24.69 Sandstone spur, 200 ft. above sec. cor., projects W. The line to the N. of this point, descends over the broken N. breaks of spur over which chaining is impracticable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", East, 7.90 chs. dist. and erect flag "C". From "C", flags "AB" subtend an angle of 79°55'. Vertical angle from "A" to "B" is minus 4°. All angles checked by repetition and base line double chained.



3 SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Distance on line	24.69 chs.
Distance by triangulation	44.43 chs.
Total distance on line	69.12 chs.
Distance by return measurement	39.12 chs.
	30.00 chs.

30.00 Base of ledges, 210 ft. below spur, bears E. and W.;
thence across bottom lands of draw.

40.00 On rolling bottom lands of draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S33	|	S34
1927		

Deposit a sandstone 9 x 9 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

65.20 Wash, 30 lks. wide, 4 ft. deep, in draw, drains W.

69.12 To point "B" of triangulation.

78.00 Trail, bears E. to Indian Creek and W. to Salt Creek.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 27, 28, 33, and 34, with
brass cap marked

T30S	R20E
S28	S27
S33	S34

1927

Deposit a sandstone, 14 x 12 x 12 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, rough and broken, with a general westerly exposure
and drainage.

Soil, sandy loam and surface rock; 3rd rate.

Undergrowth, medium sage, rabbit, and black brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 32 E.

Chains	
40.00	<p>East, on random line bet. secs. 27 and 34</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>The line to the E. of this point, passes over broken breaks of spur, over which I am unable to chain, I therefore offset as follows.</p> <p>South, 6.00 chs. dist., thence:</p> <p>East, on offset line.</p>
79.88	<p>Intersect the N. and S. line, 5.93 chs. S. of the true point for the cor. secs. 26, 27, 34, and 35, which is N. $0^{\circ}01'$ E., 1.10 chs. dist. from the witness cor. to the cor. said secs.</p> <p>The true bearing of the line bet. secs. 27 and 34, therefore is, N. $89^{\circ}57'$ W., and the distance is 79.88 chs.</p> <p>Thence:</p> <p>N. $89^{\circ}57'$ W., on true line bet. secs. 27 and 34.</p> <p>The line to the W. of the true point for the cor. secs. 26, 27, 34, and 35, passes along the inaccessible breaks of a sandstone spur, which make chaining on true line impracticable, I therefore commence at a point, South, 6.00 chs. dist. from the true point for cor., thence:</p> <p>N. $89^{\circ}57'$ W., on offset line along base of ledges through scattered timber and undergrowth, giving distances to topography on offset line.</p>
15.40	The S. end of spur, bears N., 40 lks. dist.
39.88	<p>Offset North, 6.00 chs. dist. to true line, thence;</p> <p>N. $89^{\circ}57'$ W., on true line.</p>
39.94	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{r} 827 \\ + \\ 834 \\ \hline 1927 \end{array}$ </div> <p>Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).</p>

Chain

79.88

No other suitable accessories available.

The cor. secs. 27, 28, 33, and 34.

Land, east half mile is rough and broken ledges with a general southerly exposure and drainage; west half mile is rolling with a general southerly exposure.

Soil, sandy loam and surfacerock; 3rd rate.

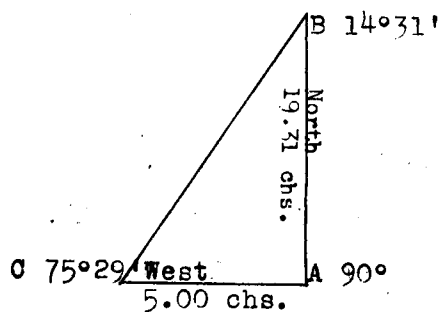
Undergrowth, scattered sage, rabbit, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 27 and 28.

The line to the north of the cor. secs. 27, 28, 33, and 34, passes over the vertical walls of sandstone spur and through scattered timber and undergrowth over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC", West, 5.00 chs. dist., from which point, flags "AB" subtend an angle of $75^{\circ}29'$. Vertical angle from "A" to "B" is plus 10° . All angles checked by repetition and base line double chained.



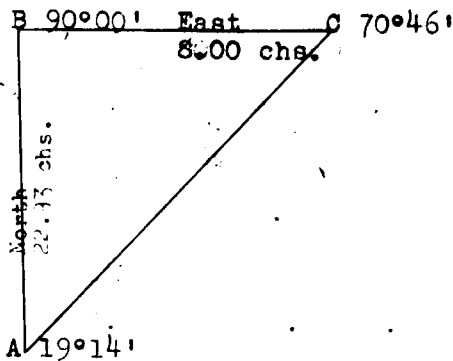
Distance by triangulation 19.31 chs.

19.31 To point "B" of triangulation at top of sandstone spur, 240 ft. above sec. cor., projects W. The line to the N. of this point, descends over the broken inaccessible N. breaks of spur over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B"

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

on line to the N. From "B", measure base line, East 8.00 chs. dist. and erect flag "C". From "C", flags "AB" subtend an angle of $70^{\circ}46'$. Vertical angle from "A" to "B" is minus 13° . All angles checked by repetition and base line double chained.

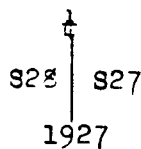


Distance on line	19.31 chs.
Distance by triangulation	22.93 chs.
Total distance on line	42.24 chs.
Distance by return measurement	2.24 chs.
	40.00 chs.

25.00 Approximate distance; base of ledges, 320 ft. below top of spur, bears E. and W.; thence across rolling land.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



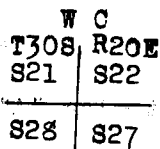
Deposit a sandstone, 7 x 6 x 4 ins., at base of post, marked with a cross (E).

No other suitable accessories available.

42.24 To point "B" of triangulation.

50.80 Wash, drains SW.

79.09 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 21, 22, 27, and 28, with brass cap marked



1927

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

From which:.

A juniper, 8 ins. diam., bears S. $81^{\circ}45'$ E., 33 lks. dist., marked T30S R20E S27 WC BT.

A juniper, 8 ins. diam., bears S. $82^{\circ}15'$ W., 53 lks. dist., marked T30S R20E S28 WC BT.

No other suitable bearing trees available.

79.15 Base of precipitous sandstone slope, bears E. and W.

80.00 True point for the cor. secs. 21, 22, 27, and 28, falls on inaccessible sandstone ledge where it is impracticable to set cor.

Land, broken and rolling, with a general westerly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, scattered sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. $89^{\circ}57'$ E., on random line bet. secs. 22 and 27.

The true point for the cor. secs. 21, 22, 27, and 28 is inaccessible, I therefore commence at a point, South, 8.39 chs. dist. from the true point for cor.

Thence, S. $89^{\circ}57'$ E., on offset line.

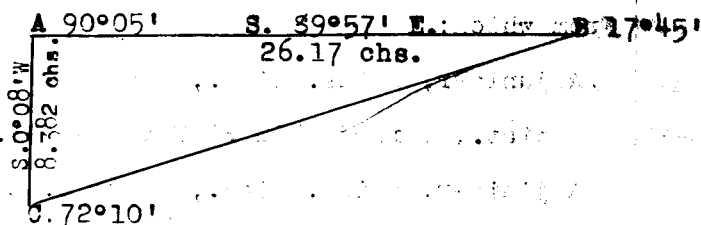
40.00 Offset North, 8.39 chs. dist. to true random line. Set temp. $\frac{1}{4}$ sec. cor. at this point.

The line to the E. of this point ascends over vertical ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line "AC", S. $0^{\circ}08'$ W. 8.382 chs. dist., from which point, flags "AB" subtend an angle of $72^{\circ}10'$. Vertical angle from "A" to "B" is plus $11^{\circ}15'$. All angles checked by repetition and base line double chained.

SUBDIVISION OF, T. 30 S., R. 20 E.

Chains

Enfield



Distance on line 40.00 chs
Distance by triangulation 26.17 chs
66.17 chs

66.17 To point "B" of triangulation, thence by direct measurement.

79.32 Intersect the N. and S. line, 8 lks. S. of the cor. secs. 22, 23, 26, and 27.

Thence:

West, on true line bet. secs. 22 and 27.

Descend gradually over rough and broken land through scattered timber and undergrowth.

13.65 Vertical rim of ledge, 75 ft. high, bears N. and S.; thence over a series of vertical ledges facing S.

39.91 On broken land, 350 ft. below cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{S22} \\ \frac{1}{4} \\ \text{S27} \\ \hline 1927 \end{array}$$

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

No suitable bearing trees available.

The line to the W. of this cor. ascend over vertical ledges on the S. slope of spur, over which I am unable to chain, I therefore offset as follows.

South, 8.39 chs. dist. Thence West on offset line to giving distance to topography on offset line.

43.40 Wash, 40 lks. wide, 2 ft. deep, drains NW.

59.60 Same wash, drains SW.

79.32 Intersect the N. and S. line, 8.39 chs. S. of the true point for the cor. secs. 21, 22, 27, and 28, which is N., 91 lks. dist. from the witness cor. to the cor

SUBDIVISION OF T. 30 S., R. 20 E.

secs. 21, 22, 27, and 28.

Land, rough and broken, with a general southwesterly exposure and drainage.

Soil, shallow sandy loam and surface rock; 3rd rate.

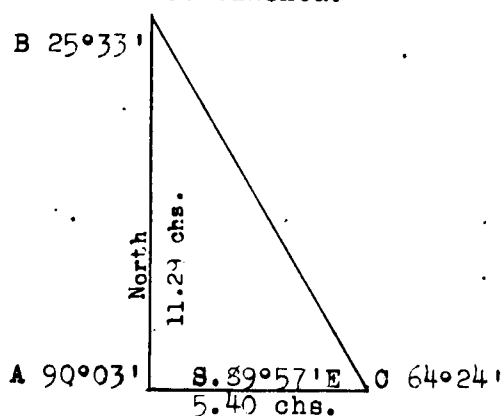
Undergrowth, scattered sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

North, bet. secs. 21 and 22.

The line to the North of the true point for the cor. secs. 21, 22, 27 and 28, which is N., 91 lks. dist. from the witness cor. to the cor. said secs., passes over high inaccessible ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at a point S., 3.39 chs. dist. from the true cor. point and flag "B" on line to the N. From "A", measure base line "AC" S. 89°57' E., 5.40 chs. dist., from which point, "AB" subtends an angle of 64°24'. Vertical angle from "A" to "B" is plus 15°15'. All angles checked by repetition and base line double chained.



Distance by triangulation	11.29 chs.
Distance from "A" to point for sec. cor.	8.39 chs.
	<u>2.90 chs.</u>

2.90 To point "B" of triangulation at top of spur, 200 ft. above point "A", projects W.; descend abrupt N. slope.

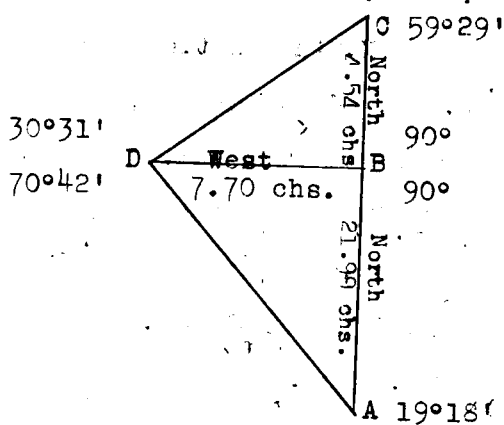
3.56 Top of vertical rim, 100 ft. high, bears E. and W.

The line to the N. of this point, descends over vertical

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

rim over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flags "B" and "C" on line to the N. From "B", measure base line "BD", West 7.70 chs. dist., from which point, flags "AB" subtend an angle of $70^{\circ}42'$, and flags "BC" subtend an angle of $30^{\circ}31'$. The vertical angle from "A" to "B" is minus 5° and from "B" to "C" is plus 16° . All angles checked by repetition and base line double chained.



Distance on line	
Distance by triangulation "A" to "B"	3.56 chs.
Distance by triangulation "B" to "C"	21.99 chs.
Total distance on line	<u>4.54 chs.</u>
	30.09 chs.

- 13.60 Approximate distance; small spur, projects W.
- 18.00 Approximate distance; bottom of draw, drains NW., 130 ft below spur.
- 25.55 To point "B" of triangulation.
- 30.09 To point "C" of triangulation at top of sandstone spur, 80 ft. above draw, projects NW.; descend gradual NE. slope.
- 32.70 Descent becomes more abrupt, bears NW. and SE.
- 40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S21 | S22

1927

No other suitable accessories available.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

44.00 Base of NE. slope, 160 ft. below top of spur, bears E. and W.; thence over rolling land.

61.50 Wash, 40 lks. wide, 4 ft. deep, drains NW.

74.50 Road, bears E. to Indian Creek and W. to Salt Creek.

78.60 Draw, drains SW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 15, 16, 21 and 22, with brass cap marked

T30S	R20E
S16	S15
S21	S22

1927

Deposit a sandstone, 15 x 12 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, scattered sage and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 14, 15, 22, and 23.

Thence:

S. 89°59' W., on true line bet. secs. 15 and 22.

Over rolling land through scattered undergrowth.

7.30 Road, bears NE. to Indian Creek and SW. to Salt Creek.

39.87 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

815

822

1927

Deposit a sandstone, 7 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

79.74 The cor. secs. 15, 16, 21, and 22.

Land, rolling with a general southwesterly exposure and drainage.

Soil, sandy loam; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, and black brush.

Timber, a few scattered scrub juniper and pinon.

Fir grazing land.

North, bet. secs. 15 and 16.

Over rolling land through medium undergrowth.

19.00 Leave rolling land at base of abrupt ascent over inaccessible ledges, bears E. and W. It being impracticable to chain to the N. of this point, I determine the distance by triangulation as follows. Erect flag "A" at the cor. secs. 15, 16, 21, and 22, and flag "B" on line to the N. From "A", measure base line "AC", East, 7.80 chs. dist., from which point, flags "AB" subtend an angle of $70^{\circ}25'$. Vertical angle from "A" to "B" is plus 7° . All angles checked by repetition and base line double chained.

B $19^{\circ}35'$

North
21.92 chs.

A $90^{\circ}00'$

East

7.80 chs.

C $70^{\circ}25'$

Distance by triangulation 21.92 chs.

SUBDIVISION OF T. 30 S., R. 20 E.

El. 92 To point "B" of triangulation, at Escond. sandstone spur, 180 ft. above sec. cor., projects from the W.; thence over rough and broken land through scattered timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\begin{array}{c} \uparrow \\ \text{S16} \mid \text{S15} \\ 1927 \end{array}$

From which:

A juniper, 6 ins. diam., bears East, 20 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 6 ins. diam., bears N. $22^{\circ}08'$ W., 104 lks. dist., marked $\frac{1}{4}$ S15 BT.

47.00 Low spur, projects SW.

80.00 On top of low ridge, 60 ft. below spur, bears NW. and SE. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 9, 10, 15, and 16, with brass cap marked.

$\begin{array}{c} \text{T30S} \mid \text{R20E} \\ \text{S9} \mid \text{S10} \\ \hline \text{S16} \mid \text{S15} \\ 1927 \end{array}$

From which:

A juniper, 3 ins. diam., bears N. $31^{\circ}30'$ E., 194 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. $82^{\circ}30'$ E., 357 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. $16^{\circ}30'$ W., 193 lks. dist., marked BT.

No suitable bearing tree in sec. 16 available.

Land, broken and rolling with a general westerly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, mountain rush, sage, and black brush.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
40.00	N. 89°59' E., on random line bet. secs. 10 and 15. Set temp. $\frac{1}{4}$ sec. cor.
79.66	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 10, 11, 14, and 15. Thence: West, on true line bet. secs. 10 and 15. Over rough and broken land through very scattered timber and medium undergrowth.
10.00	Low ridge, bears N. and S.
39.83	On broken land. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked S10 S15 1927 Deposit one quart of charcoal at base of post, No other suitable accessories available.
46.50	Wash, 20 lks. wide, 3 ft. deep, 150 ft. below ridge, drains N.; ascend gradually.
66.40	Rim of ledge, 50 ft. high, bears NW. and SE.
69.40	The N. edge of conical shaped sandstone dome, bears S. of line, 60 lks. dist.
79.66	The cor. secs. 9, 10, 15 and 16, 80 ft. above wash. Land, rough and broken, with a general northeasterly exposure and drainage. Soil, sandy loam and surface rock; 3rd rate. Undergrowth, medium mountain rush, sage, and black brush. Timber, a few scattered scrub juniper and pinon. Fair grazing land.

SUBDIVISION OF T. 30 N., R. 20 E.

North, bet. sec. 9 and 10.

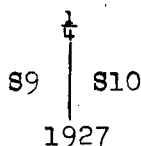
Over rough and broken land through medium undergrowth and scattered timber.

23.40 Descend gradually over surfacerock, bears NW. and SE.

27.40 Base of surfacerock, bears NW. and SE.; thence over rolling land.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 8 x 7 x 7 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

69.50 Wash, 20 lks. wide, 3 ft. deep, 100 ft. below sec. cor., drains E.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 3, 4, 9, and 10, with brass cap marked.

T30S	R20E
S46	S3
S9	S10

1927

From which:

A juniper, 6 ins. diam., bears N. 47° E., 130 lks. dist., marked T30S R20E S3 BT.

A juniper, 3 ins. diam., bears S. 80° W., 98 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 23° W., 100 lks. dist., marked BT.

No suitable bearing tree in sec. 10 available.

Land, rough and broken with a general northeasterly exposure and drainage.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Soil, sandy loam and surfacerock; 3rd rate.
Undergrowth, medium mountain rush, sage, and black bru
Timber, very scattered juniper and pinon.
Fair grazing land.

East, on random line bet. secs. 3 and 10

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect the N. and S. line, 3 lks. S. of the corner
secs. 2, 3, 10, and 11.

Thence:

S. $89^{\circ}59'$ W., on true line bet. secs. 3 and 10.

Over rolling land through scattered timber and medium
undergrowth.

33.10 "ash, 10 lks. wide, 3 ft. deep, drains NE.

39.86 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S3
 $\frac{1}{4}$
S10
1927

Deposit a sandstone, 5 x 4 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

71.80 Leave rolling land and ascend gradually over broken
land, bears NE. and SW.

79.72 The cor. secs. 3, 4, 9, and 10, 60 ft. above base of
ascent.

Land, rolling and broken with a general northeasterly
exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium mountain rush, sage and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chain

N. $0^{\circ}04'$ E., on random line bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.53 Intersect the N. bdy. of the township, 9 lks. E. of the true point for the cor. secs. 3, 4, 33, and 34, which is 10 lks. S. of the witness cor. to the cor. said secs.

Thence, from the true point for cor.

South, on true line, bet. secs. 3 and 4.

Descend gradually over broken land through scattered timber and medium undergrowth.

10.60 Wash in draw, 100 ft. below cor. point, drains NW.; ascend gradually.

19.70 Rim of ledge, 140 ft. above wash, bears NW. and SE.; continue gradual ascent.

39.53 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S4 | S3

1927

From which:

A juniper, 3 ins. diam., bears N. $28^{\circ}30'$ E., 126 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 32° W., 121 lks. dist., marked BT.

69.50 Top of rocky spur, 100 ft. above ledge, projects E.; descend gradual S. slope.

79.53 The cor. secs. 3, 4, 9, and 10, 20 ft. below spur.

Land, rough and broken with a general northwesterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium shadscale, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

From the standard cor. secs. 32 and 33, heretofore described.

N. 0°01' W., bet. secs. 32 and 33.

Over rough and broken land through scattered timber and medium undergrowth.

8.50 Low spur, projects NW.; descend gradually.

16.70 Draw, 160 ft. below spur, drains NW.; ascend gradually.

25.00 Enter rolling land, 50 ft. above draw, bears E. and W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S32 | S33

1927

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

55.00 The W. point of sandstone spur, projects from the E.

71.70 Wash, 50 lks. wide, 3 ft. deep, drains NW.

74.80 Trail, bears NW. to Salt Creek and E. to Indian Creek.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 28, 29, 32, and 33, with brass cap marked

T30S | R20E
S29 | S28

S32 | S33

1927

From which:

A juniper, 8 ins. diam., bears N. 20°15' E., 190 lks. dist., marked T30S R20E S28 BT.

A juniper, 6 ins. diam., bears S. 89°45' E., 180 lks. dist., marked T30S R20E S33 BT.

A juniper, 4 ins. diam., bears N. 139 W., 416 lks. dist., marked T30S R20E S29 BT.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

No suitable bearing tree in sec. 32 available.

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage, rabbit, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

East, on random line bet. secs. 28 and 33.

The line to the E. of the cor. secs. 28, 29, 32, and 33, passes over inaccessible ledges over which I am unable to chain; to pass ledges I offset as follows.

South, 10.80 chs. dist.; thence:

East on offset line.

40.00 Offset North, 10.80 chs. to true random line; set temp.

$\frac{1}{4}$ sec. cor.; The line to the East of this point, passes over inaccessible ledges; to pass ledges I offset as follows.

South, 10.80 chs. dist., thence:

East, on offset line.

80.00 Offset North, 10.91 chs. dist. to the cor. secs. 27, 28, 33, and 34.

Thence:

S. $89^{\circ}55'$ W., on true line bet. secs. 28 and 33.

Over inaccessible ledges through scattered timber and medium undergrowth. To pass ledges I offset as follows.

South, 10.80 chs. dist., thence:

S. $89^{\circ}55'$ W., on offset line, along base of inaccessible ledges on S. side of spur.

40.00 Offset North, 10.80 chs. dist. to true line.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

828

833

1927

From which:

A pinon, 10 ins. diam., bears S. $7^{\circ}30'$ W., 26 lks. dist., marked $\frac{1}{4}$ S33 BT.

A juniper, 10 ins. diam., bears N. $30^{\circ}30'$ W., 30 lks. dist., marked $\frac{1}{4}$ S28 BT.

The line to the W. of this cor., continues along the broken inaccessible S. breaks of spur, I therefore return to the point on offset line, and continue S. $39^{\circ}55'$ W., on offset line.

80.00 Offset North, 10.80 chs. to the cor. secs. 28, 29, 32, and 33.

Land, broken sandstone ledges with a general southerly exposure and drainage.

Soil, shallow loose sand and surfacerock; 3rd rate.

Undergrowth, medium rabbit, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 28 and 29.

Ascend gradually over broken land through scattered timber and medium undergrowth.

5.50 Sandstone spur, 30 ft. above cor., projects W.; descend gradually.

39.00 Wash, 10 lks. wide, 2 ft. deep, drains SW., 40 ft. below spur; ascend gradually.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

829

828

1927

SUBDIVISION OF, T. 30 S., R. 20 E.

From which:

A juniper, 6 ins. diam., bears S. $63^{\circ}15'$ E., 45 lks.
dist., marked $\frac{1}{4}$ S28 BT.

A juniper, 6 ins. diam., bears N. 44° W., 150 lks.
dist., marked $\frac{1}{4}$ S29 BT.

44.30 Sandstone spur, 60 ft. above wash, projects NW.; descend
gradually.

68.00 Wash, 30 lks. wide, 3 ft. deep, 110 ft. below spur,
drains SW.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 20, 21, 28, and 29, with
brass cap marked

T30S	R20E
S20	S21
S29	S28

1930

Deposit a sandstone, 3 x 3 x 2 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, rough and rolling with a general westerly exposure
and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium rabbit, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $89^{\circ}55'$ E., on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

45.06 The line to the E. of this point, passes over inaccessible
ledges. To pass ledges I offset as follows.

South, 3.00 chs. dist., thence:

N. $89^{\circ}55'$ E., on offset line.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

30.00 Offset North, 3.03 chs. dist. to the true point for the cor. secs. 21, 22, 27, and 28.

Thence:

S. $89^{\circ}54'$ W., on true line bet. secs. 21 and 28.

The line to the W. of the true point for the cor. secs. 21, 22, 27, and 28, which is North, 91 lks. dist.

from the witness cor. to the cor. said secs., passes over the inaccessible S. breaks of spur. To pass ledges, I offset from the true cor. point as follows. South, 3.00 chs. dist.; thence:

S. $89^{\circ}54'$ W., on offset line, through scattered timber and undergrowth, along base of ledges.

25.00 Approximate distance on true line, base of ledges, bears N. and S.:

34.94 Offset North, 3.00 chs. dist. to true line; thence:
S. $89^{\circ}54'$ W., on true line over rolling land through scattered undergrowth and timber.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 321 \\ \frac{1}{4} \\ \hline 828 \end{array}$$

1927

Deposit a sandstone, 5 x 5 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Continue over rolling land.

50.00 The cor. secs. 20, 21, 28, and 29.

Land, rough and rolling, with a general southerly exposure and drainage.

Soil, sandy loam and surface rock; 3rd rate.

Undergrowth, scattered rabbit, sage, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

N. 0°01' W., bet. secs. 20 and 21.

Ascend gradually over rolling land through scattered timber and undergrowth.

13.80 Sandstone spur, 40 ft. above cor., projects SW.

33.20 The W. point of sandstone spur, projects from the E.

39.70 Road, bears NE. to Indian Creek and SW. to Salt Creek.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S20 | S21

1927.

Deposit a sandstone, 7 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

47.20 Bend in Salt Creek Wash, 100 yds. wide, 3 ft. deep, at junction of wash draining from the NE. Salt Creek Wash, drains SW. from the NW.; ascend gradually.

69.00 The W. point of sandstone spur, 30 ft. above wash, projects from the E.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 16, 17, 20, and 21, with brass cap marked

T30S R20E
 S17 | S16

 S20 | S21

1927

Deposit a sandstone, 5 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, sandy loam; 2nd rate.

Undergrowth, scattered rabbit, sage, and black brush.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	<p>Timber, scattered scrub juniper and pinon. Fair grazing land.</p> <hr/> <p>N. 89°54' E., on random line bet. secs. 16 and 21.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 15, 16, 21, and 22.
	Thence:
	S. 89°57' W., on true line bet. secs. 16 and 21.
	Over rolling land through medium undergrowth.
40.01	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: right;"> 816 $\frac{1}{4}$ ————— 821 1927 </div>
	Deposit a sandstone, 8 x 7 x 3 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
80.02	The cor. secs. 15, 17, 20, and 21.
	Land, rolling, with a general northwesterly exposure and drainage.
	Soil, sandy loam; 2nd rate.
	Undergrowth, rabbit, sage, and black brush.
	Timber, a few scattered scrub juniper and pinon.
	Fair grazing land.
	<hr/> <p>N. 0°01' W., bet. secs. 16 and 17.</p>
	Over rolling land through medium undergrowth and very scattered timber.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

S16 S17

1927

From which:

A juniper, 6 ins. diam., bears N. 2° E., 223 lks.
dist., marked $\frac{1}{4}$ S16 BT.

No other suitable bearing trees or accessories available.

47.90 The W. point of spur, 30 ft. above sec. cor., projects
from the E.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 8, 9, 16, and 17, with
brass cap marked

T30S	R20E
88	89
S17	S16

1927

Deposit a sandstone, 9 x 3 x 6 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, rolling, with a general westerly exposure and
drainage.

Soil, sandy loam; 2nd rate.

Undergrowth, medium rabbit, sage, and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

N. 29°57' E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 10 lks. S. of the cor.
secs. 9, 10, 15, and 16.

Thence:

S. 89°53' W., on true line bet. secs. 9 and 16.

Over rolling land through scattered undergrowth.

40.02 On rolling land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

89
 $\frac{1}{4}$
 816
 1927

Deposit a sandstone, 12 x 8 x 7 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Continue over rolling land.

80.04 The cor. secs. 8, 9, 16, and 17.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, shallow sandy loam; 2nd rate.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 8 and 9.

Over rolling land through scattered timber and medium undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

88 | 89
 1927

Deposit a sandstone, 14 x 8 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

75.00 Timber becomes more dense, bears E. and W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 8, and 9, with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chain

T30S R20E

85	84
88	89

1927

From which:

A juniper, 3 ins. diam., bears N. 19° E., 195 lbs.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 19° W., 240 lbs.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 19° W., 240 lbs.
dist., marked BT.

No other suitable bearing trees available.

Land, rolling, with a general southwesterly exposure
and drainage.

Soil, sandy loam; 2nd rate.

Undergrowth, medium sage and black brush.

Timber, scattered and medium dense across juniper and
pinon.

Fair grazing land.

N. 19° 3' E., on random line bet. secs. 4 and 9.

40.00 Set temp. & sec. cor.

30.10 Intersect the N. and S. line, 6 lbs. N. of the cor.
secs. 3, 4, 9, and 10.

Thence:

S. 89° 55' W., on true line bet. secs. 4 and 9.

Ascend gradually over broken land through scattered
timber and medium undergrowth.

0.00 Spur, 40 ft. above sec. cor., projects NE.; descend
gradually.

32.75 Head of draw, 120 ft. below spur, drains NE.; descend
gradually.

36.30 Sandstone ledge, bears NW. and SE.

40.05 On surfacerock, mark a cross (X), over which:

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

84
—
89

1927

No other suitable accessories available.

57.00 Rim of ledge, 100 ft. high; bears NE. and SW.

65.00 Same ledge, bears N. and SE.

71.00 Ridge, 200 ft. above head of draw, bears NW. and SE.; descend gradually.

80.10 The cor. secs. 4, 5, 8, and 9, 30 ft. below ridge. Land, broken, with a general northerly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber; scattered scrub juniper and pinon.

Fair grazing land.

North, on random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.69 Intersect the E. bdy of the township, 5 lks. W. of the cor. secs. 4, 5, 32, and 33, heretofore described:

Thence:

S. $0^{\circ}02'$ W., on true line bet. secs. 4 and 5.

Descend gradually over rough and broken land through scattered timber and medium undergrowth.

34.70 Draw, 200 ft. below sec. cor., drains NE.; ascend gradually.

39.69 True point for the $\frac{1}{4}$ sec. cor. falls on sloping rim of ledge, bears E. and W. where it is impracticable to set cor.

47.09 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 4 and 5, with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

WC
 $\frac{1}{4}$
 S5 | S4
 1927

No other suitable accessories available.

50.00 Spur, 160 ft. above draw, projects NE.; descend gradually.

63.70 Head of draw, 60 ft. below spur, drains NE.; ascend gradually.

74.20 Ridge, 170 ft. above draw, bears NW. and SE.; descend gradually.

79.69 The cor. secs. 4, 5, 8, and 9, 20 ft. below ridge.
 Land, rough and broken with a general northeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the standard cor. secs. 31 and 32, heretofore described.

N. 0°01' W., bet. secs. 31 and 32.

Over rough and broken land through medium timber and undergrowth.

1.90 Wash, 30 lks. wide, 4 ft. deep, in draw, drains NE. Dense scrub oak brush along bottom of draw. Ascend gradually.

4.00 Rim of ledge, 40 ft. high, bears NE. and SW.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on sloping surfacerock where it is impracticable to set cor.

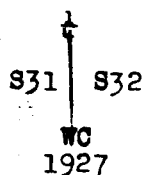
40.15 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 31 and 32, with brass cap marked

SUBDIVISION OF T: 30 S., R: 20 E.

Chains

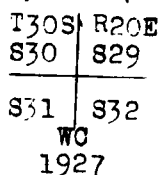
Entire



From which:

- A pinon, 3 ins. diam., bears N. $50^{\circ}30'$ E., 43 lks. dist., marked WC BT.
- A pinon, 6 ins. diam., bears N. $44^{\circ}15'$ W., 73 lks. dist., marked WC & S 31 B T.

- 58.40 Sour, 140 ft. above wash, projects NW.; descend gradually.
- 61.00 Leave surfacerock, bears NE. and SW.; thence over sandy bottom of Lost Canyon.
- 79.00 Bottom of Lost Canyon, drains NE.; wash in bottom of canyon, 140 lks. wide, 6 ft. deep; road in wash, bears NE. and SW.
- 80.00 True point for the cor. secs. 29, 30, 31, and 32, falls in bottom of wash where it is impracticable to set a permanent cor.
- 81.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 29, 30, 31, and 32, with brass cap marked.



From which:

- A cottonwood, 6 ins. diam., bears N. $57^{\circ}15'$ E., 291 lks. dist., marked T30S R20E S29 WC BT.
- A juniper, 3 ins. diam., bears S. $79^{\circ}30'$ W., 93 lks. dist., marked WC BT.
- A juniper, 3 ins. diam., bears N. $60^{\circ}30'$ W., 86 lks. dist., marked WC BT.

No suitable bearing tree in sec. 32 available.

Land, rough and broken, with a general northwesterly exposure and drainage.

Chains

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush. Dense scrub oak and rabbit brush along bottom of canyon.

Timber, medium scrub juniper and pinon. Scattered cottonwood along bottom of Lost Canyon.

Poor grazing land.

East, on random line bet. secs. 29 and 32, from the true point for the cor. secs. 29, 30, 31, and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the N. and S. line, 14 lks. S. of the cor. secs. 28, 29, 32, and 33.

Thence:

S. $89^{\circ}54'$ W., on true line bet. secs. 29 and 32.

Over rough and broken land through medium undergrowth and timber.

8.10 Trail, bears SE. to Indian Creek and NW. to Salt Creek.

26.20 Wash, 70 lks. wide, 4 ft. deep, drains NW.; ascend gradually.

35.00 Sandstone spur, 40 ft. above wash, projects N.; descend gradually.

39.98 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S29
—
S32
1927

From which:

A juniper, 4 ins. diam., bears N. $68^{\circ}45'$ E., 250 lks. dist., marked $\frac{1}{4}$ S29 BT.

A juniper, 5 ins. diam., bears S. $84^{\circ}30'$ E., 269 lks. dist., marked $\frac{1}{4}$ S32 BT.

48.00 Stream, 10 lks. wide, 2 ins. deep, in bottom of Salt Creek Wash, 140 lks. wide, 6 ft. deep, 60 ft. below spur,

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

brief

- drains N.; ascend gradually.
- 60.90 Spur, 200 ft. above stream, projects N.; descend gradually.
- 63.00 Enter bottom lands of draw, bears N. and S.
- 79.00 Wash, 140 lks. wide, 6 ft. deep, in bottom of Lost Canyon, drains NE. Road in canyon, bears NE. and SW.
- 79.96 The true point for the cor. secs. 29, 30, 31, and 32, which is S. 0°01' E., 1.00 chs. dist. from the witne cor. to the cor. said secs.
- Land, rough and broken with a general northerly exposure and drainage.
- Soil, shallow sandy loam and surfacerock; 3rd rate.
- Undergrowth, medium sage, rabbit, and black brush.
- Timber, scattered scrub juniper and pinon.
- Fair grazing land.
-
- West, on random line bet. secs. 30 and 31, from the true point for cor. secs. 29, 30, 31, and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.82 Intersect the W. bdy. of the township, 12 lks. N. of the cor. secs. 25, 30, 31, and 36, heretofore described, Thence:
- N. 89°55' E., on true line bet. secs. 30 and 31.
- Over rough and broken bench land through scattered timber and medium undergrowth.
- 23.30 Sandstone spur, 150 ft. high, projects N.; continue over surfacerock on bench.
- 23.00 Sandstone spur, projects NE.; descend gradually.
- 39.82 On surfacerock, mark a cross (X), over which:
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

330

331

1927

From which:

SUBDIVISION OF T. 30 S., R. 20 E.

A pinon, 6 ins. diam., bears S. $11^{\circ}45'$ E., 66 lks. dist., marked $\frac{1}{2}$ S31 BT.

A pinon, 8 ins. diam., bears N. $4^{\circ}30'$ W., 159 lks. dist., marked $\frac{1}{2}$ S30 BT.

63.10 Head of small box canyon, 80 ft. below spur, drains NE.

79.82 The true point for the cor. secs. 29, 30, 31, and 32, which is S. $0^{\circ}01'$ E., 1.00 chs. dist. from the witness cor. to the cor. said secs.

Land, rough and broken, with a general northeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage, rabbit, and balck brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 29 and 30, from the true point for the cor. secs. 29, 30, 31, and 32.

Along sandy bottom of Lost Canyon through scattered timber and medium undergrowth.

1.00 The witness cor. to the cor. secs. 29, 30, 31, and 32.

4.50 Bottom of Lost Canyon, wash, drains NW.

13.50 Four strand barbed wire fence, bears E. and W.

38.20 Lost Canyon, wash, 50 lks. wide, 5 ft. deep, drains NE.; ascend gradually.

40.00 On top of sandstone spur, 60 ft. above bottom of canyon, projects NE., 1.00 chs. dist., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked

\uparrow
 S30 | S29
 1927

No other suitable accessories available.

46.70 Draw, 70 ft. below spur, drains NE.; ascend gradually.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

60.00 Spur; 80 ft. above draw; projects E.; descend gradually
66.10 Wash, 100 lks. wide, 6 ft. deep, in bottom of Squaw
Canyon, 90 ft. below spur, drains E.

80.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
mound of stone, for cor. secs. 19, 20, 29, and 30;
with brass cap marked

T30S	R20E
S19	S20
S30	S29

1927

From which:

A pinon, 3 ins. diam., bears N. $31^{\circ}30'$ E., 130 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. $21^{\circ}30'$ E., 40 lks.
dist., marked BT.

A juniper, 6 ins. diam., bears S. $61^{\circ}30'$ W., 134 lks.
dist., marked T30S R20E S30 BT.

A pinon, 3 ins. diam., bears N. 32° W., 135 lks.
dist., marked T30S R20E S19 BT.

Land, rough and broken, with a general northeasterly
exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage, rabbit, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

N. $89^{\circ}34'$ E.; on random line bet. secs. 20 and 29.
40.00 Set temp. $\frac{1}{4}$ sec. cor.

73.92 Intersect the N. and S. line, 14 lks. S. of the cor.
secs. 20, 21, 28, and 29.

Thence:

S. $89^{\circ}48'$ W., on true line bet. secs. 20 and 29.

Over rough and broken land through scattered timber
and medium undergrowth.

SUBDIVISION OF T. 30 S., R. 20 E.

- 9.40 Stream, 10 lks. wide, 1 in. deep, in bottom of Salt Creek Wash, 200 lks. wide, 8 ft. deep, drains NE.
- 33.70 Wash, 140 lks. wide, 7 ft. deep, in bottom of Squaw Canyon, drains NE.

- 39.96 Set an iron post, 3 ft. long, 1 in. diam., .27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

\$20

\$29

.1927

Deposit a sandstone, 5 x 5 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

From this cor., Cave Spring, which is a small spring under over hanging ledge, bears N. 41°48' W., 7.40 chs. dist.

- 43.20 Old wagon road, bears NE. and SW.

- 46.20 Thence over surfacerock, bears NE. and SW.

- 79.92 The cor. secs. 19, 20, 29, and 30.

Land, broken, with a general northeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage, rabbit, and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

S. 89°55' W., on random line bet. secs. 19 and 30.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 40.46 The line to the W. of this point passes over high isolated sandstone dome over which I am unable to project my line, I therefore run on traverse line as follows.

N. 30°00' W., 16.55 chs. dist.; thence:

N. 68°30' W., 33.39 chs. dist.; thence:

South, 26.47 chs. dist. to:

The cor. secs. 19, 24, 25, and 30, on the W. bdy. of the

. SUBDIVISION OF T. 30 S., R. 20 E.

Chains

township, heretofore described. 04.2

The bearing of of the line bet. secs. cor. of secs.

19, 20, 29, and 30, and the cor. of secs. 19, 24, 25,

and 30, therefore is N. 89°59' W., and the distance

79.80 chs.

Thence:

S. 89°59' E., on true line bet. secs. 19 and 30.

As a high isolated sandstone dome makes chaining to the

E. of the cor. secs. 19, 24, 25, and 30, impracticable

I run on traverse line as follows.

North, 26.56 chs. dist., thence:

S. 68°30' E., 33.33 chs. dist., thence:

S. 30°00' E., 16.55 chs. dist. to:

39.34 To point on true line at top of ridge, bears N. and S.;

thence, S. 89°59' W., on true line over broken bench

land, through scattered timber and medium undergrowth.

39.80 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S19
S30
1927

From which

A juniper, 6 ins. diam., bears N. 24°30' E., 134 lks.

dist., marked $\frac{1}{4}$ S19 BT.

A pinon, 4 ins. diam., bears S. 3° W., 82 lks.

dist., marked $\frac{1}{4}$ S30 BT.

Continue over broken bench land.

79.80 The cor. secs. 19, 20, 29 and 30.

Land, rough and broken, with a general southeasterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

N. 0°01' W., bet. secs. 19 and 20.

Descend gradually over rough and broken bench land
through scattered timber and medium undergrowth.

15.80 Draw, 60 ft. below cor., drains NE.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

↑
S19 | S20
1927

From which:

A pinon, 8 ins. diam., bears N. 26° E., 220 lks.
dist., marked $\frac{1}{4}$ S20 BT.

A juniper, 3 ins. diam., bears N. 31°30' W., 188 lks.
dist., marked BT.

Continue over rough and broken bench land.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 17, 18, 19, and 20, with
brass cap marked

T30S | R20E
S18 | S17
— | —
S19 | S20
1927

From which:

A juniper, 4 ins. diam., bears N. 63° E., 388 lks.
dist., marked T30S R20E S17 BT.

A juniper, 5 ins. diam., bears S. 85°45' W., 236 lks.
dist., marked T30S R20E S19 BT.

No other suitable bearing trees available.

Land, rough and broken, with a general northeasterly
exposure and drainage.

Soil, shallow sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains	
	N. 89°48' E., on random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect the N. and S. line, 7 lks. N. of the cor. sec. 16, 17, 20, and 21.
	Thence:
	S. 89°51' W., on true line bet. secs. 17 and 20.
	Over broken bench land through scattered timber and medium undergrowth.
17.00	Stream, 12 lks. wide, 1 $\frac{1}{2}$ inches deep, in bottom of Sal Creek, Wash, 80 lks. wide, 12 ft. deep, drains NW.
40.06	On broken land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in t ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: right;"> S17 $\frac{1}{4}$ S20 1927 </div>
	Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
58.50	Sandstone spur, 70 ft. above wash, projects N.
80.12	The cor. secs. 17, 18, 19, and 20.
	Land, broken and rolling, with a general northwesterly exposure and drainage.
	Soil, sandy loam and surfacerock; 3rd rate.
	Undergrowth, medium sage, and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	N. 89°59' W., on random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.68	Intersect the W. bdy. of the township, 16 lks. N. of the cor. secs. 13, 18, 19, and 24.
	Thence:
	N. 89°54' E., on true line bet. secs. 18 and 19.

SUBDIVISION OF T. 30 S., R. 20 E.

Chain

Over rolling bench land through medium timber and undergrowth.

7.90 Low sandy ridge, bears NE. and SW.; descend gradually.

25.30 Sandstone ledge, 90 ft. high, bears NE. and SW.

Thence across bottom lands of sandy draw.

39.68 In bottom lands of sandy draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \$18 \\ + \\ \$19 \\ \hline 1927 \end{array}$$

From which:

A pinon, 10 ins. diam., bears S. $58^{\circ}45'$ E., 154 lks. dist., marked $\frac{1}{4}$ S19 BT.

No other suitable bearing trees available.

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

48.00 Wash, 20 lks. wide, 2 ft. deep, 100 ft. below ridge, drains NE.; ascend gradually.

60.00 Sandstone spur, 40 ft. above wash, projects NE.

79.68 The cor. secs. 17, 18, 19, and 20.

Land, rolling and broken, with a general northeasterly exposure and drainage.

Soil, sandy loam; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, medium scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 17 and 18.

Over rolling land through medium undergrowth.

15.00 Sandstone butte, 200 ft. base, 60 ft. high.

16.00 Sandstone butte, 100 ft. base, 60 ft. high.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

\uparrow
 S18 | S17

1927

Deposit a sandstone, 12 x 8 x 8 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

42.40 Left bank Salt Creek Wash, 20 ft. high, bears NW. and thence in bottom of wash.

60.00 Water course in bottom of Salt Creek Wash, drains NW. Small pools of water found along bottom of wash.

65.00 Right bank of Salt Creek Wash, bears NW. and SE.; thence ascend gradually over surfacerock.

79.70 On surfacerock, 120 ft. above wash, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in mound of stone, for witness cor. to the cor. secs.

7, 8, 17, and 18, with brass cap marked

W C
 T30S R20E
 S7 | S8
 S18 | S17

1927

No other suitable accessories available.

80.00 The true point for the cor. secs. 7, 8, 17, and 18, falls on abrupt slope of surfacerock, where it is impracticable to set a permanent cor.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, sandy loam; 3rd rate.

Undergrowth, medium sage, rabbit, and black brush.

Timber, medium scrub juniper and pinon.

Fair grazing land.

N. 89°51' E., on random line, bet. secs. 8 and 17, from the true point for the cor. secs. 7, 8, 17, and 18.

SUBDIVISION OF T. 30 S., R. 20 E.

Chain

- 40.00 Set temp. & sec. cor.
- 80.12 Intersect the N. and S. line, 7 lks. S. of the cor.
secs. 8, 9, 16, and 17.
- Thence:
- S. $89^{\circ}48'$ W., on true line bet. secs. 8 and 17.
- Over rolling land through scattered timber and medium undergrowth.
- 30.00 Wash, drains SE.
- 31.40 Timber becomes more dense, bears NE. and SW.
- 40.06 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S8
+-----+
S17
1927

From which:

- A juniper, 10 ins. diam., bears S. $8^{\circ}15'$ E., 165 lks. dist., marked $\frac{1}{4}$ S17 BT.
- A pinon, 10 inc. diam., bears N. $30^{\circ}45'$ W., 200 lks. dist., marked $\frac{1}{4}$ S8 BT.
- 46.00 Base of gradual ascent over E. end of sour, projects from sandstone butte; thence along S. si of butte.
- 80.12 The true point for the cor. secs. 7, 8, 17, and 18, which is N. $0^{\circ}01'$ W., 30 lks. dist. from the witness cor. to the cor. said secs.
- Land, rolling, with a general southwesterly exposure and drainage.
- Soil, sandy loam and surfacerock; 3rd rate.
- Undergrowth, medium sage and black brush.
- Timber, scattered scrub juniper and pinon.
- Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

- S. 89°54' W., on random line bet. secs: 7 and 18, from the true point for the cor. secs. 7, 8, 17, and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.63 Intersect the W. bdy. of the township, 3 lks. S. of the cor. secs. 7, 12, 13, and 18, heretofore described.
- Thence:
- N. 89°55' E., on true line bet. secs. 7 and 18.
- Descend gradually over rolling bench land through scattered timber and medium undergrowth.
- 14.30 Top of sandstone ledge, 40 ft. high, bears N. and S.
- 19.60 Sandstone dome, 60 ft. base, 20 ft. high, with small Moki house under N. side of dome.
- 36.00 Wash, 20 lks. wide, 2 ft. deep, 130 ft. below sec. cor. drains N.
- 39.63 On rolling land.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} 87 \\ 4 \overline{) 318} \\ 1927 \end{array}$$
- Deposit a sandstone, 6 x 5 x 3 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- 59.60 Salt Creek Wash, 200 lks. wide, 4 ft. deep, with stream of water, 4 lks. wide, 2 ins. deep, flows NW.; ascend gradually.
- 61.60 Sandstone ledge, 50 ft. high, bears NW. and SE.
- 75.60 Sour, 150 ft. above wash, projects SW.
- 79.63 The true point for the cor. secs. 7, 8, 17, and 18, which is N. 0°01' W., 30 lks. dist. from the witness cor. to the cor. said secs.
- Land, rolling, with a general northwesterly exposure and drainage.
- Soil, sandy loam and surfacerock; 3rd rate.
- Undergrowth, medium greasewood, sage, black, and rabbit brush.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 7 and 8, from the true point for the cor. secs. 7, 8, 17, and 18, which is N. 0°01' W., 30 lks. dist. from the witness cor. to the cor. said secs.

Ascend gradually over rolling bench land through scattered timber and medium undergrowth.

5.80 Small spur, 60 ft. above sec. cor., point, projects SW.; descend gradually.

13.00 Base of descent, 70 ft. below spur, bears NE. and SW.; thence over nearly level bench land.

37.00 Leave timber, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S7 | S8
1927

From which:

A lone pinon, 3 ins. diam., bears S. 65° W., 353 lks. dist., marked $\frac{1}{4}$ S7 BT.

No other suitable accessories available.

Continue over nearly level bench land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 5, 6, 7, and 8, with brass cap marked

T30S R20E
S6 | S5
S7 | S8

1927

Deposit a sandstone, 16 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

and

Land, rolling and nearly level bench, with a general westerly exposure and drainage.
Soil, sandy loam and surfacerock; 3rd rate.
Timber, scattered scrub juniper and pinon on S. portion of mile.
Undergrowth, medium mountain rush, sage, and black brush.
Fair grazing land.

N. 89°48' E., on random line bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.22 Intersect the N. and S. line, 12 lks. S. of the cor. secs. 4, 5, 8, and 9.
Thence:
S. 89°43' W., on true line bet. secs. 5 and 8.
Ascend gradually over rolling bench land through scattered timber and medium undergrowth.
16.50 Spur, 30 ft. above sec. cor., projects SW.; descend gradually.
40.11 On rolling land.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S5
 $\frac{1}{4}$
S8

1927

Deposit a sandstone, 14 x 14 x 12 ins., at base of post, marked with a cross (X).
No other suitable accessories available.
Continue gradual descent over rolling bench land.
80.22 The cor. secs. 5, 6, 7, and 8, 120 ft. below spur.
Land, rolling, with a general southwesterly exposure and drainage.
Soil, sandy loam and surfacerock; 3rd rate.
Undergrowth, medium mountain rush, sage, and black brush.
Timber, very scattered scrub juniper and pinon.
Fair grazing land.

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

"A"

S. $89^{\circ}55'$ W., on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor

79.51 Intersect the W. bdy. of the township, 21 lks. N. of the
cor. secs. 1, 6, 7, and 12, heretofore described.

Thence:

N. $89^{\circ}46'$ E., on true line bet. secs. 6 and 7.

Over rolling bench land through scattered timber and
medium undergrowth.

7.80 Leave timber, bears NE. and SW.

28.00 Wash, 30 lks. wide, 10 ft. deep, drains SW.

39.51 On rolling bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S6 \\ \frac{1}{4} \\ S7 \end{array}$$

1927

Deposit a sandstone, 8 x 8 x 7 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Continue over rolling bench land.

79.51 The cor. secs. 5, 6, 7, and 8.

Land, rolling, with a general southwesterly exposure
and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium sage and black brush.

Timber, scattered scrub juniper and pinon on W. portion
of mile.

Fair grazing land.

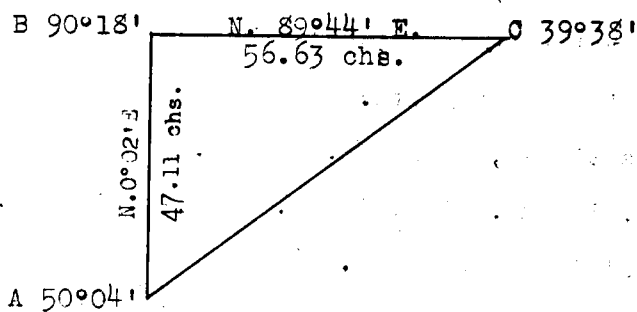
N. $0^{\circ}02'$ E., on random line bet. secs. 5 and 6.

32.55 The line to the N. of this point, passes over box
canyon and inaccessible breaks of spur which make
chaining impracticable, I therefore determine the

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From "B" measure base line "BO", S. $89^{\circ}44'$ E., 56.63 chs. distance from which point, flags "AB" subtend an angle of 39° . Vertical angle from "A" to "B" is minus 4° . All angles checked by repetition and base line double chained.



Distance on line	32.55 chs.
Distance by triangulation	47.11 chs.
Total distance on line	<u>79.66 chs.</u>

- 36.11 Distance measured from flag "A"; set temp. witness cor. to the $\frac{1}{4}$ sec. cor.
- 79.66 To point "B" of triangulation; thence by direct measurement.
- 79.79 Intersect the N. bdy. of the township, 19 lks. W. of the cor. secs. 5, 6, 31, and 32, heretofore described.
- Thence:
- S. $0^{\circ}10'$ W., on true line bet. secs. 5 and 6.
- Over rough and broken land through scattered timber and medium undergrowth.
- 15.00 Approximate distance; bottom of canyon, drains NE.
- 30.00 Approximate distance; spur, projects E.
- 37.00 Approximate distance; bottom of canyon, drains NE.
- 39.79 True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible wall of canyon.
- 43.68 Vertical rim of inaccessible box canyon, bears E. and W. At this point, on surfacerock, mark a cross (X), over which:
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 5 and 6, with brass cap marked

SUBDIVISION OF T. 30 S., R. 20 E.

Chains

W C

1/4

S6 | S5

1927

No other suitable accessories available.

47.24 Spur, 100 ft. above the witness cor. to the 1/4 sec. cor., projects E.; descend abruptly.

52.80 Base of ledges, 180 ft. below spur, bears NW. and E.; thence descend gradually.

79.79 The cor. secs. 5, 6, 7, and 8, 60 ft. below base of ledges.

Land, rough and broken, with a general northeasterly and northwesterly exposure and drainage.

Soil, sandy loam and surfacerock; 3rd rate.

Undergrowth, medium mountain rush, sage, and black brush.

Timber, very scattered scrub juniper and pinon.

Fair grazing land.

Lines designated	True bearings.	Dist-ances.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. Bdy. T30S R20E	East	480.00	.....	.....	480.00	.....
E. Bdy. T30S R20E	N. 0° 02' E.	480.00	480.00	.....	.27	.....
N. Bdy. T30S R20E	S. 39° 54' W.	479.74	.....	.83	.....	479.74
W. Bdy. T30S R20E	South	480.00	.....	480.00	.....	.....
Convergency	West	.57	.....	.....	.....	.57
			480.00	480.83	480.27	480.31
				480.00		480.27
				0.83		0.04

Errors in latitudes and departures.

GENERAL DESCRIPTION, T. 30 S., R. 20 E.

The land embraced in the southern portion of this township is rough and broken, being cut by spurs and canyons with vertical rims of sandstone. The tops of the spurs have a very shallow sandy soil underlayed by sandstone bedrock, while the soil in the bottoms of the canyons is a sandy loam. The northern portion of the township is more open with loose sandy soil

GENERAL DESCRIPTION, T. 30 S., R. 20 E.

and sandstone surfacerock. All of the soil may be classified as third rate.

The drainage of the township is into Salt Creek Wash in the southwest portion and into Indian Creek in the northern portion.

The timber in this township is a growth of scrub juniper and pinon, being more dense on the tops of the spurs than in the canyon bottoms and the rolling benches. This timber has no commercial value.

The undergrowth throughout the township, consists of a medium growth of mountain rush, greasewood, sage, rabbit, and black brush, which affords fair grazing for stock during the fall, winter, and early spring seasons, and at the time of the survey, it was being used for this purpose. The township is being used for a grazing range for the S.S. Cattle Co., with headquarters on Indian Creek.

Salt Creek which is a small intermittent flow of salty water, enters the township on the south boundary of sec. 32, and flows in a northerly direction, leaving the township on the west boundary of sec. 7.

Indian Creek, which is a stream about 10 lks. wide, and 3 inches deep, flows in a northwesterly direction through the northeast portion of sec. 1.

A small flow of water was also found in Lost Canyon, which enters the township on the south boundary of sec. 31, and flows in a northerly direction to Salt Creek Wash in sec. 20. The only other water found in the township is Cave Spring, which is a small spring of good water under an over hanging ledge, located in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ sec. 20. The above listed water, furnishes a sufficient supply of water for the stock grazed on this township, when rain and snow water is not available in the water pockets found in the surfacerock.

GENERAL DESCRIPTION, T. 30 S., R. 20 E.

The township in general, is suitable for a fall, winter and early spring grazing range for stock, and can furnish grazing for approximate 200 head of cattle.

No portions of the township can be farmed, on account of the soil being too dry for dry farming and the water supply is so small that none of the land can be irrigated.

There were no settlers on the township at the time of the survey.

The nearest Post Office to the township, is Monticello, Utah, which is located approximately 60 miles to the southeast.

There were no indications of oil or mineral found in the township.

the township in general, is suitable for a fall, winter
and spring growing season. All of the soil is
suitable for growing crops.

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CERTIFICATE OF UNITED STATES SURVEYOR.

We Chas. F. Moore
Robt. C. Yundt, U. S. Surveyors hereby certify upon honor that, in pursu-

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 27th day of August, 1927, have well, faithfully, and true

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of Retracement

of the East Boundary, survey of the south, west and north

boundaries and the subdivisions, T. 30 S., R. 20 E.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented in

the foregoing field notes as having been executed by us, and under our direction; and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such survey. Certified to at:
Salt Lake City Utah
March 15 1930
March 15 1930

Chas. F. Moore
Robt. C. Yundt
U. S. Surveyors

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver Colo. FEB 19 1931, 19

The foregoing field notes of the survey of retracement of the east boundary and

the survey of the south, west and north boundaries and the

subdivisions T. 30 S., R. 20 E.

executed by Chas. F. Moore and Robert C. Yundt, U.S. Surveyors

under his special instructions dated August 27th, 19 27 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Samuel Johnson
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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Page

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4-879

BOOK A-497

FIELD NOTES

OF THE ~~SURVEY OF THE~~

RECEIVED

MAR 20 1930

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

RESURVEY OF THE EAST BOUNDARY;

SURVEY OF THE WEST BOUNDARY AND SUBDIVISIONS

and

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN

CLOSING CORNERS ON THE NORTH BOUNDARY.

OF

T. 29 $\frac{1}{2}$ S., R. 20 E.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Chas. F. Moore and Robert C. Yundt.

In the capacity of U. S. Surveyor ^s, under instructions dated August 27, 1927,

issued by the United States ~~Surveyor General~~ District Cadastral Engineer to govern surveys included in

Group No. 156, which were approved by the Commissioner of the General Land

Office, Sept. 20, 1927 and assignment instructions dated

Sept. 20, 1927

Survey commenced Dec. 8, 1927

Survey completed Dec. 16, 1927

Chas. F. Moore

BOOK A-497

INDEX DIAGRAM.

Township 29½ South, Range 20 East.

6	5	4	3	2	1					
7	8	9	10	11	12					
18	17	16	15	14	13					
19	20	21	22	23	24					
30	29	28	27	26	25					
14	14	14	13	13	12					
31	11	32	10	33	8	34	6	35	5	36

Chains

Survey commenced Dec. 8, 1927., and executed with Buff and Buff solar transits No. 9220 used by Chas. F. Moore, U.S. Surveyor, and No. 9797 used by Robert C. Yundt, U.S. Surveyor. For complete description, tests and approval of instruments see survey of T. 30 S., R. 21 E., of this group.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 8 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY

EAST BOUNDARY OF T. 29½ S., R. 20 E.

From the corner of Ts. 29½ and 30 S., R. 20 E., which is an iron post, 3 ins. diam., 30 ins. in large mound of stone, marked and witnessed as described in the official notes of T. 30 S., R. 20 E.

N. 0° 02' E., on true resurvey line along the East Bdy., sec. 36. Note: The true bearing of this line determined and recorded by retracement/in the official notes of T. 30 S., R. 20 E. this group.

Over rough and broken land, through a very scattering growth of timber and medium growth of undergrowth.

18.00

Small draw, drains SW.

29.60

Top of spur, projects W., 30 ft. above bottom of draw.

40.00

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., to sec. 36 only, with brass cap marked

- Drains No other suitable accessories available.
- 60.30 Draw, drains SW., 40 ft. below spur.
- 66.00 Spur, 115 ft. above bottom of draw, drains SW.
- 75.20 Draw, 95 ft. below top of spur, drains SW.
- 81.50 The corner of T. 30 S., R. 20 and 21 E., which is an iron post, 3 ins. diam., firmly set in the ground and a mound of stone, with brass cap marked

T29S R20E
 S 36
 S 1 | S 6
 R20E | R21E
 T30S
 1916

The markings on this post are changed to read as follows:

T29S R20E
 S 36
 S 36 | S 6
 R20E | R21E
 T29½S | T30S
 1916

this corner is witnessed by a mound of stone, 2 ft. base
 1½ ft. high S. of the corner.

Land, rough and broken, general drainage and exposure W.

Soil, sandy and sandy loam; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sagebrush, blackbrush and amole plant.

Fair grazing.

SURVEY OF THE WEST BOUNDARY T. 29½ S., R. 20 E.

From the corner of Ts. 29½ and 30 S., Rs. 19 and 20 E.,
 which is an iron post, 3 ins. diam., set, marked and
 witnessed as described in the official field notes
 of T. 30 S., R. 20 E.

North on true line along W. bdy., sec. 31.

Over rough and broken bench land, through scattering
 growth of timber and undergrowth.

- 5.00 Bottom of draw, drains NE., 20 ft. below sec. cor.
- 36.50 Spur, projects NE., 80 ft. above bottom of draw.
- 40.00 Set iron post, 3 ft. long, 1 in. diam., over cross (X)
 out in solid surface rock, 30 ins. in large mound of
 stone, for the ¼ sec. cor., with brass cap marked

Chains

8 36 | S 31

1927

no other suitable accessories available.

This corner stands in cove of spur, 85 ft. below top of spur.

45.00 Same spur, as at 36.50 chs. projects NW., 75 ft. above $\frac{1}{4}$ sec. cor.

Descend over N. slope.

81.35 Ledge of sandstone, 30 ft. high, bears E. and W.

82.34 Intersect E. and W. line, west, 37.12 chs. of the corner of T. 29 S., R. 19 and 20 E., which is an iron post, 3 ins. in diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

At point of intersection

Set iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground, 20 ins. in large mound of stone for the closing corner for secs. 31 and 36, T. 29 S., Rs. 19 and 20 E., with brass cap marked

T29S R19E
S 36

8 36	S 31
R19E	R20E
T29S	
C C	
1927	

and deposit a sandstone, 10 x 9 x 8 ins. marked with cross (X) at base of the monument.

This corner stands on the north edge of wash, 130 lks. wide and 1 ft. deep, 410 ft. below top of spur, drains SE.

Land, rough and broken, general drainage and exposure NE.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Subdivisions of T. 29 $\frac{1}{2}$ S., R. 20 E.

to drain Undergrowth, blackbrush, sagebrush and mountain rush.
 Poor grazing.

SUBDIVISIONS OF T. 29 $\frac{1}{2}$ S., R. 20 E.

From the corner of secs. 1, 2, 35 and 36, Tps. 29 $\frac{1}{2}$ and 30 S., R. 20 E., which is an iron post, set, marked and witnessed as described in the official field notes of T. 30 S., R. 20 E.

N.0°01'E., on true line between secs. 35 and 36.

Over rough and broken land, through scattering timber and medium undergrowth.

5.00 Sandstone spur, projects W., 40 ft. above sec. cor.
 39.40 Bottom of Indian Creek Canyon, stream of water, 30 lks. wide and 2 ins. deep., drains NW., 320 ft. below spur. Scattering cottonwood along bottom of canyon.
 40.00 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

\uparrow
 S 35 | S 36
 1927

from which

A cottonwood 8 ins. diam., bears N.16°W., 61 lks. dist., marked $\frac{1}{4}$ S 35 B T.

A cottonwood 8 ins. diam., bears S.6°E., 124 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Ascend over ledges on S. slope.

42.40 Spur, project SW., 110 ft. above bottom.

51.00 Draw, drains W., 20 ft. below spur.

81.55 Intersect the S. bdy., T. 29 S., R. 20 E., 186 lks.

East of the $\frac{1}{4}$ sec. cor., for sec. 35 which is an iron post, 1 $\frac{1}{2}$ ft. diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E., At point of intersection

Chains Set iron post, 3 ft. long, 2 ins. diam., over crosscut in solid surface, rock; 36 ins. in large mound of stone, for the closing corner to sec. 35 and 36, with brass cap marked

T29S R20E

8 35

8 35 18 36

T29S R20E

1927

no other suitable accessories available.

Land, rough and broken, general drainage and exposure

Soil, sandy and sandstone surface rock; 3rd. rate.

Timber, scattering juniper and pinon, a few scattering cottonwoods along the bottom of Indian Creek.

From the corner for secs. 2, 3, 34 and 35, on the S. boundary which is an iron post, 2 ins. in diam., set, marked and witnessed as described in the official field note of T. 30 S., R. 20 E.

N.0°01'E., on true line between secs. 34 and 35.

Over rough and broken bench land, through scattering growth of timber and medium undergrowth.

The line to the north passes over the vertical ledges and breaks of Indian Creek Canyon, making chaining on true line impracticable. Therefore to obtain the measurement I run on traverses and offset as follows:

N.20°31'E., 7.34 chs. dist. At end of this course end of sandstone spur projects from the west.

N.13°31'E., 23.33 chs. dist. At 4.80 chs. on this course road bears NW. and SE; at 14.36 chs. small seep in bottom of wash, 1 ch. east; at 19.80 chs. road bears NE. and SW.; at end of course sandstone spur, projects NE.

N.0°01'E., 10.50 chs. on offset line; at 6.00 chs. on this course road bears NW. and SE.

Thence

West, 8.01 chs. dist., At 2.10 chs. on this course road bears NW. and SE.; at end of course intersect true line at 40.05 chs. Northing.

Subdivisions of T. 29½ S., R. 20 E.

Chains
40.00

On true line, set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 34 | S 35
 1927

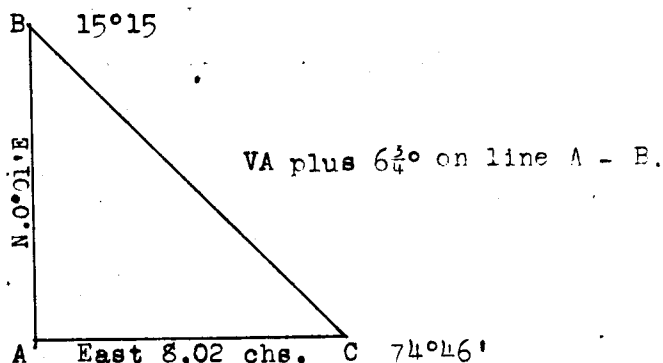
deposit sandstone 5 x 5 x 4 ins. , marked with cross (X) at base of the monument.

From this ¼ sec. cor., the Turner and Travis Oil Well, bears N.32°35'W., 10.25 chs., dist.

Thence N.0°01'E., on true line .

The line to the north passes over the inaccessible ledges of Indian Creek Canyon, over which chaining is impracticable. Therefore to obtain measurement I triangulate as follows:

Erect flag "A" at the ¼ sec. cor., and erect flag "B" on line to the north, from flag "A" survey base line east, 8.02 chs. dist., and erect flag "C"; from "C" flags "A" and "B" subtend angle of 74°46'; all angles checked by repetitions and base line double chained



Total distance on line-----	40.00 chs.
Distance by triangulation-----	29.42 "
Total distance on line-----	69.42 "

- 45.00 Bottom of Indian Creek Canyon, stream of water, 20 lks. wide and 1½ ins. deep, drains SW. (Measurement by chain.)
- 69.42 Top of sandstone spur, projects SW.
Thence over broken and rough bench land.
- 81.73 Intersect the S.bdy., T. 29 S., R. 20 E., 3.00 chs., E. east the white cor. which is 10 chs. W. of the true point for the ¼ sec. cor., for sec. 34, which is an

Subdivisions of T. 29 S., R. 20 E.

Chains

iron post, set, marked and witnessed as described in the official notes of T. 29 S., R. 20 E.

At point of intersection

Set iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the closing corner for secs. 34 and 35, with brass cap marked

T29S R20E

S 34

S 34 S 35

T29S R20E

C.C.

1927

no other suitable accessories available.

Land, rough and broken; general drainage and exposure W.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush, blackbrush and mountain rush.

Fair grazing.

From the true point for the cor. of secs. 3, 4, 33 and 34 on S. bdy. of Tp., 34, which is 10 lks. S. of the witness corner to the corner of secs. 3, 4, 33 and 34, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official notes of T. 30 S., R. 20 E.

North on true line between secs. 33 and 34.

0.10 Witness corner to the cor. of secs. 3, 4, 33 and 34. Over rough and broken bench land, through scattering timber and medium undergrowth.

15.00 Top of sandstone spur, projects west, 160 ft. above sec. cor.

40.00 Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the 1/4 sec. cor., with brass cap marked

S 33 S 34

1927

from which

A juniper 6 ins. diam., bears S. 51° E., 118 lks

Subdivisions of T. 29 S., R. 20 E.

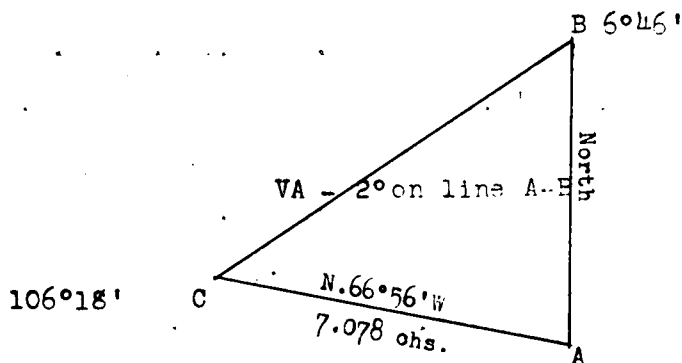
Chains

dist., marked $\frac{1}{4}$ S 34 B T.

No other suitable bearing trees available.

The line to the north passes over the inaccessible ledges and breaks of Indian Creek Canyon, making chaining impracticable. Therefore to determine the measurement I triangulate as follows:

Erect flag "B" on line to the north, there being no suitable base at this point I return to a point at 24.07 chs. and erect flag "A", from flag "A" survey base line, N.66°56'W. $\frac{7.078}{7.078}$ chs. dist and erect flag "C", from "C" flags "A" and "B" subtend angle of 106°18'; all angles checked by repetition and the base line double chained.



Distance on line-----	24.07 chs.
Distance by triangulation-----	57.66 "
Total distance on line-----	81.73 "

- 60.00 Approximate dist. to bottom of Indian Creek Canyon, stream of water in bottom 20 lks. wide, 2 ins. deep, drains SW.
- 81.73 Point "B" of triangulation.
- 81.76 Intersect the S. bdy. of T. 29 S., R. 20 E., 3.20 chs east of the witness $\frac{1}{4}$ sec. cor., 1.00 chs. west of the true point for the $\frac{1}{4}$ sec. cor., for sec. 33 which is an iron post, 1 in. diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

At point of intersection

Set iron post, 3 ft. long, 2 ins. diam., over cross(X) cut in solid surface rock, 30 ins. in large mound of stone for the closing corner for secs. 33 and 34, with brass cap marked

Subdivisions of T. 29 S., R. 20 E.

Chains

entire

T29 S. R20 E.

8 33

8 32 8 34

T29 S. R20 E.

C. C.

1927

no other suitable accessories available.

Land, rough and broken; general drainage and exposure N.

Soil, sandy and sandstone surface rock; 3rd. rate.

Timber, scattering juniper and pinon.

Poor grazing.

Undergrowth, sagebrush, blackbrush and mountain rush.

From the corner to secs. 4, 5, 32 and 33, on the S.

bdy., which is an iron post, 2 ins. diam., set,

marked and witnessed as described in the official

field notes of T. 30 S., R. 20 E.

N.0°01'W., on true line between secs. 32 and 33.

Over rough and broken land, through scattering timber and medium undergrowth.

2.20 Low spur, projects NE.

29.00 Wash, 15 lks. wide and 2 ft. deep, 140 ft. below top of spur, drains NE.

32.00 Wash, 20 lks. wide and 3 ft. deep, drains E.

33.00 Top of ledge, 75 ft. high, bears W. and NE; thence over surface rock bench land.

40.00 Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

8 32 | 8 33

1927

no other suitable accessories available.

76.00 Spur, 60 ft. above $\frac{1}{4}$ sec. cor., projects NE.

81.93 Intersect the S. bdy., T. 29 S., R. 20 E., 2.58 chs.

east of the $\frac{1}{4}$ sec. cor., for sec. 32, which is an iron

post, 1 in. diam., set, marked and witnessed as des

cribed in the official field notes of T. 29 S., R.

20 E., At point of intersection.

Subdivisions of T. 29 $\frac{1}{2}$ S., R. 20 E.

Chains

Set iron post, 3 ft. long, 2 ins. diam., over cross (X)
cut in solid surface rock, 30 ins. in mound of stone,
for the closing corner secs. 32 and 33, with brass cap
marked

T29S R20E
S 32
S 32 | S 33
T29 $\frac{1}{2}$ S | R20E
C C
1927

no other suitable accessories available.

Land, rough and broken; general drainage and exposure NE.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, scattering juniper and pinon.

Fair grazing.

Undergrowth, sagebrush, blackbrush and mountain rush.

From the corner of secs. 5, 6, 31 and 32, S. bdy., which
is an iron post, 2 ins. in diam., set, marked and
witnessed as described in the official field notes of
T. 30 S., R. 20 E.

N.0°01'W., on true line between secs. 31 and 32.

Over rough and broken bench land, through scattering
timber and medium undergrowth.

1.50 Low spur, projects NE.

22.30 Commence descent into box canyon over ledges and rims,
bears E. and W.

30.00 Bottom of canyon, 350 ft. below spur, drains E.

40.00 Falls on sloping sandstone surface rock, impracticable
to set corner.

41.62 Set iron post, 3 ft. long, 1 in. diam., over cross (X)
cut in solid surface rock, 30 ins. in large mound of
stone, for the witness corner to the $\frac{1}{4}$ sec. cor.,
with brass cap marked

$\frac{1}{4}$
S 31 | S 32
W C
1927

no other suitable accessories available.

41.90 Top of spur, 60 ft. above bottom of canyon, projects E.

Subdivisions of T. 29 S., R. 20 E.

Chains
Thence over broken bench land.
52.00 Intersect S. bdy., of T. 29 S., R. 20 E., 2.52 chs. e.
of the $\frac{1}{4}$ sec. cor., for sec. 31, which is an iron
1 in. diam., set, marked and witnessed as described
the official field notes of T. 29 S., R. 20 E.
At point of intersection
Set iron post, 3 ft. long, 2 ins. diam., over cross
cut in solid surface rock, 30 ins. in large mound
stone for the closing corner for secs. 31 and 32,
with brass cap marked

T29S R20E
S 31
S 31 S 32
T29S R20E
C C
1927

no other suitable accessories available.
Land, rough and broken, general drainage and exposure
Soil, sandy and sandstone surface rock; 3rd. rate.
Timber, scattering juniper and pinon.
Undergrowth, sagebrush, blackbrush and mountain rush.
Fair grazing.

ESTABLISHMENT OF QUARTER SECTION CORNERS

BETWEEN CLOSING CORNERS ON NORTH BOUNDARY T. 29 S., R.
At a point 1.43 chs. east of the corner of secs. 35 and
36, T. 29 S., R. 20 E., which is an iron post, 2 in.
diam., set marked and witnessed as described in the
official field notes T. 29 S., R. 20 E., also 51 1/2
west of the midpoint between closing corners secs. 35
and 36, T. 29 S., R. 20 E., and the corner corner
for T. 29 S., R. 20 E., and T. 30 S., R. 21 E.
Set iron post, 3 ft. long, 1 in. diam., over cross
cut in solid surface rock, 30 ins. in large mound
stone for the witness corner to the $\frac{1}{4}$ sec. cor., for
sec. 36 only, with brass cap marked on

S 36 WC
1927

ESTABLISHMENT OF QUARTER SECTION CORNERS

BETWEEN CLOSING CORNERS ON THE NORTH BOUNDARY T. 29½ S., R. 20 E.

Chains

The true point for this corner falls on sloping sandstone surface rock, where corner cannot be set.

At a point 1.93 chs. east of ~~sec. 34~~ sec. 34 and 35, T. 29 S., R. 20 E., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

Also midpoint between the closing corner of secs. 34 and 35, and the closing corner of secs. 35 and 36, T. 29½ S., R. 20 E.

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., for sec. 35 only, with brass cap marked

¼ S 35
1927

no other suitable accessories available.

At a point 1.00 ch. west of the corner secs. 33 and 34 T. 29 S., R. 20 E., which is an iron post, 2 ins. in diam., marked, set and witnessed as described in the official field notes of T. 29 S., R. 20 E.

Also, 3.10 chs. west of the midpoint between the closing corner for secs. 34 and 35 and closing corner for secs. 33 and 34, T. 29½ S., R. 20 E., The midpoint falls in a branch of Indian creek, where corner cannot be set. So at this point

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the witness corner to the ¼ sec. cor. for sec. 34 only, with brass cap marked

¼ S 34 WC

1927

and erect a mound of stone 2 ft base and 1½ ft. high, south of the corner.

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS ON THE NORTH BOUNDARY T. 29 S.

Chains

At a point 2.39 chs. east of the corner to secs. 32 and 33, T. 29 S., R. 20 E., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

Also, midpoint between the closing corner of secs. 32 and 33 and the closing corner of secs. 33 and 34, T. 29½ S., R. 20 E.

Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ sec. cor., for sec. 33 only, with brass cap marked

1/4 S 33
1927

and deposit a sandstone 8 x 8 x 8 ins. marked with cross (X) at base of the monument.

At a point 2.55 chs. east of the corner of secs. 31 and 32, T. 29 S., R. 20 E., which is an iron post, 2 ins. in diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

Also, the midpoint between the closing corner for secs. 31 and 32, and the closing corner to secs. 32 and 33, T. 29½ S., R. 20 E.

Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone for the ¼ sec. cor., for sec. 32 only, with brass cap marked

1/4 S 32
1927

no other suitable accessories available.

At a point, 2.52 chs. east of the corner to T. 29 S., Rs. 19 and 20 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official field notes of T. 29 S., R. 20 E.

Also 40.00 chs. west of the closing corner for secs.

ESTABLISHMENT OF QUARTER SECTION CORNERS
BETWEEN CLOSING CORNER ON THE NORTH BDY. T. 29½ S., R. 20 E.

Chains

31 and 32, T. 29½ S., R. 20 E.

Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 22 ins. in large mound of stone, for the ¼ sec. cor., for sec. 31 only, with brass cap marked

¼ 8 31
1927

deposit a sandstone, 16 x 12 x 4 ins. marked with a cross (X) at base of the monument.

CLOSING ERRORS, T. 29½ S., R. 20 E.

Lines designated.	True bearings.	Dist-ances. Chs.	Latitudes.		Departures.	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
S. Bdy. T29½S R20E	N. 89°54'E.	479.74	.83	.....	479.74	.....
E. Bdy. T29½S R20E	N. 0°02'E.	81.50	81.50	.....	.05	.....
N. Bdy. T29½S R20E	West	479.14	.....	.....	.....	479.14
W. Bdy. T29½S R20E	South	82.34	.....	82.34	.....	.....
Convergency	West	.10	.....	.....	.....	.10
			82.33	82.34	479.79	479.24
				82.33	479.24	
Errors in latitude and departure			0.01	0.55		

GENERAL DESCRIPTION

The land embraced in this fractional township, is rough and broken, forming the breaks of Indian Creek ganyon. There was a good flow of water in Indian Creek at the time of the survey. There is no land in this fractional township suitable for farming, as it is too rough and broken. It is used by the S S Cattle Co. for winter grazing of cattle. The browse and sparse growth of grass makes it an ideal winter range for a limited amount of stock during the winter months. It is estimated that this fractional township will support about 30 head of cattle during the early fall, winter and spring months. The land is not grazed during the summer months, which gives the grass and the browse a chance to grow if there are any summer rains.

GENERAL DESCRIPTION

The only timber is a scattering growth of scruboak, juniper and pinon and is of no commercial value.

The undergrowth consists of sage brush, blackbrush, mountain rush and a sparse growth of grass.

The soil is a sandy loam in the bottom of the canyons, and a very shallow sandy soil on top of sandstone surface rock, on top of the spurs and benches.

The general drainage and exposure is north on the south side, and south on the north side of Indian Creek.

There were no settlers in the township at the time of the survey.

The Oil Well in sec. 34 was deserted at the time of the survey.

The nearest Post Office is Monticello Utah, about 65 miles to the southeast.

There was no surface indication of coal, oil or other precious minerals.

The only water in the township is in Indian Creek, which enters the township on the south boundary of sec. 36, and flows in a westerly direction through secs. 35, 34 and leaves the township on the north boundary of sec. 33. We are not certain whether the flow of water in Indian Creek continues in the summer months.

There are two small springs in this township; one in the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 34; the other in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 35.

There are a few Indian ruins in the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 33.

BOOK A-497

4-680
(August, 1926)

FIELD ASSISTANTS.

[illegible]

CERTIFICATE OF UNITED STATES SURVEYOR.

Chas. F. Moore
WE, Robert C. Yundt....., U. S. Surveyor hereby certify upon honor that, in pursu-

of special instructions received from the District Cadastral Engineer for Utah
 bearing date of the 27th day of August, 19 27 We have well, faithfully, and tr
 in ~~our~~ own proper persons and in strict conformity with said instructions, the Manual of Surveying Instr
 tions, and the laws of the United States, surveyed all those parts or portions of Resurvey
of the East Boundary, survey of the West Boundary, survey
of the Subdivisions and the Establishment of quarter section
corners between the closing corners on the north boundary
T. 29½ S., R. 20 E.

..... of the Salt Lake
Base and Meridian, in the State of Utah, which are represented
 the foregoing field notes as having been executed by us, and under ~~our~~ direction; and that all the corners
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru
 tions, and the special written instructions of the District Cadastral Engineer for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes
 such survey. Certified to at
Salt Lake City, Utah
March 20, 1930

Chas. F. Moore
Robert C. Yundt
 U. S. Surveyor

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver Colo. MAR 25 1931, 19

The foregoing field notes of the ~~survey of~~ resurvey of the east boundary,
survey of the west boundary and the subdivisions and the
establishment of quarter section corner between closing corners
on the north boundary, T. 29½ S., R. 20 E.

executed by Chas. F. Moore and Robert C. Yundt, U.S. Surveyors.
 under his special instructions dated August 27th, 19 27, having bee
 critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
 they describe, are hereby approved.

Wm. H. Hanson
 U. S. Supervisor of Survey

I certify that the foregoing transcript of the field notes of the above described surveys in
, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Survey

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NOV 10 1931
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

BOOK A-497

FIELD NOTES

RE
OF THE SURVEY OF ~~THE~~

PORTION OF THE NORTH BOUNDARY AND SUBDIVISION

AND

SURVEY OF SUBDIVISION-OF-SECTION LINES

T.37 S., R.10 W.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Howard W. Miller, U.S. Cadastral Engineer

27

~~In the capacity of U.S. Surveyor~~, under instructions dated Sept. 27, 191

DISTRICT CADASTRAL ENGINEER FOR UTAH

issued by the United States ~~Department of the Interior~~ to govern surveys included in

Group No. 204, which were approved by the Commissioner of the General Land

Office, October 12, 1927; ~~for~~ assignment instructions dated September 23, 1929.

Survey commenced October 4, 1929, 191

Survey completed October 19, 1929, 191

INDEX DIAGRAM.

Township 37 South, Range 10 West

2 6 12	4 5 10	13 14 8	6 4	3	2	1
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

T. 37 S., R. 10 W.

The resurvey of a portion of the north boundary and subdivision and the survey of the subdivision-of-section lines of sec. 5, T.37 S., R.10 W., S.L.B. & M., Utah, as hereinafter recorded in these notes was commenced October 4, 1929, and executed with Buff and Buff transit No. 16726, 1924 model, property of the U.S. General Land Office. The instrument is equipt with Smith solar attachment and full vertical circle, and the horizontal limb is provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests as stated in Assignment Instructions dated September 23, 1929.

I examine the adjustments of the transit and correct all errors. The solar apparatus is not used in this survey, all lines being projected as transit lines, the true bearings of which are determined by deflection from true meridians determined by observations made on Polaris on line in the field.

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape $\frac{1}{2}$ chs. in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined with an improved type K. & E. clinometer, and the slope measurements properly reduced to true horizontal distances.

The data furnished with the special instructions for this survey gives the geographic position for the NE. cor. of T.37 S., R.10 W., as follows: latitude $37^{\circ}37' N.$, and longitude $112^{\circ}53' W.$

October 4, 1929; at the cor. of secs. 4, 5, 8, and 9, T.37 S., R.10 W., in latitude $37^{\circ}36' N.$, and longitude $112^{\circ}57' W.$, at 10h.13m. a.m. by my watch which is 29 minutes fast of local mean time as determined at 10:00 p.m. October 3 at Cedar City, Utah, by comparison with radio signals from station KPO, San Francisco, California. I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris in the direction N-E to a tree about 1 mile distant.

Mean watch time of observation.....	10h.13m. a.m.
Watch fast of local mean time.....	29m.
Local mean time of observation	9h.44m. a.m.

Mean azimuth from Polaris to tree	$65^{\circ} 59' E.$
Azimuth of Polaris at time of observation. $0^{\circ} 57' W.$	
True bearing of tree	$N.65^{\circ} 02' E.$

October 12, 1929; at the cor. of Tps. 36 and 37 S., Rs. 10 and 11 W., in latitude $37^{\circ}37' N.$, and longitude $112^{\circ} 59' 30'' W.$, at 9h. 13m. a.m. by my watch which is 29 minutes fast of local mean time, I make an hour angle observation on Polaris, west of the meridian, making four observations, two each with the telescope in direct and reversed positions, and reading the horizontal deflection angle in the direction N-W to a

DEPENDENT RESURVEY OF PORTION OF N. BDY. OF T.37 S., R.10 W.

Chains

point on a boulder about $\frac{1}{2}$ mile distant.

Mean watch time of observation.....9h. 13m. a.m.

Watch fast of local mean time 29m.

Local mean time of observation.....8h. 44m. a.m.

Mean azimuth from Polaris to boulder ... 12° 04' W.

Azimuth of Polaris at observation 1° 04' W.

True bearing to point on boulder N.13° 08' W.

No magnetic declination was taken on account of a defective needle.

DEPENDENT RESURVEY OF PORTION OF N. BDY. OF T.37 S., R.10 W.

REESTABLISHMENT OF SURVEYS EXECUTED
BY A.J. STEWART, U. S. DEPUTY
SURVEYOR IN 1873, AND BY JAMES H.
MARTINEAU, U. S. DEPUTY SURVEYOR IN
1881.

Random lines.

I begin at the cor. of Tps. 36 and 37 S., Rs. 10 and 11 W., hereinafter described.

Thence

East, bet. secs. 6 and 31.

41.75 (Record) No trace of the $\frac{1}{2}$ sec. cor. can be found, therefore, I continue my line east, making diligent searches at regular intervals for quarter-section and section corners but none could be found until, at

240.97 Fall 4.30 chs. N. of the original cor. of secs. 3, 4, 33, and 34 hereinafter described.

The bearing of the line connecting the cor. of Tps. 36 and 37 S., Rs. 10 and 11 W., and the cor. of secs. 3, 4, 33, and 34 therefore is S.88°59'E., and the proportionate distance for each half mile is 39.87 chs., except the west half mile bet. secs. 6 and 31 which is 41.62 chs.

True lines.

The cor. of Tps. 36 and 37 S., Rs. 10 and 11 W., is a lava rock, 8x6x5 ins. above ground, firmly set, and marked with 6 notches on N., S., E., and W. edges; from which

An aspen, 16 ins. diam., bears S.78°45'E., 30 lks. distant, erroneously marked T 37 S R 11 W S 6 B T

I remark this bearing tree to read:

T 37 S R 10 W S 6 B T

REMARKS RESURVEY PORTION OF N. RDY. ON T.37 S. R.10 W.

An aspen, 14 ins.diam., bears S.25 $\frac{1}{2}$ °W., 48 lks.
dist., marked T 37 S R 11 W S $\frac{1}{2}$ B T

I mark new bearing trees as follows:

An aspen, 10 ins.diam., bears N.41°E., 54 lks.
dist., marked T 36 S R 10 W S 31 B T

An aspen, 10 ins.diam., bears N.58 $\frac{1}{2}$ °W., 26 lks.
dist., marked T 36 S R 11 W S 36 B T

From this cor., I run

S.88°59'E., bet. secs. 6 and 31.

Gradually ascend over rolling mountain top through dense aspen timber and scattering undergrowth.

12.00 Ridge, 95 ft. above Tp. cor., bears N.10°W. and S.10°E.;
gradually descend over E. slope.

22.00 Small swale, 55 ft. below ridge, drains N.; gradually
ascend.

25.00 Top of ascent, 5 ft. above swale, bears N. and S.;
gradually descend.

30.90 Swale, 30 ft. below top of ascent, drains NW.; gradually
ascend.

31.80 Leave timber, bears N. and S.

37.00 Reenter timber, bears NW. and SE.

41.62 Proportionate point
Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in
the ground on solid rock and surrounded by a large
mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$ $\frac{831}{86}$
1929

from which

An aspen, 6 ins.diam., bears S.4 $\frac{1}{2}$ °E., 21 lks.
dist., marked $\frac{1}{2}$ S 6 B T

An aspen, 8 ins.diam., bears N.50 $\frac{1}{2}$ °W., 8 lks.
dist., marked $\frac{1}{2}$ S 31 P T

43.60 Worm fence, bears N.70°W. and S.70°E.

46.00 An ungraded mountain road, bears NW. and SE.

50.00 North brink of mountain top, bears NW. and SE.; begin
steep descent over NE. slope through dense timber.

69.00 Enter scattering fir timber, bears NW. and SE.

74.25 Leave timber and enter a large volcanic rock slide, bears
NW. and SE.; descent becomes more gradual.

76.70 Leave rock slide and reenter timber, bears NW. and SE.;
surface strewn with large volcanic boulders and inter-
spersed with small lava beds.

81.49 $\frac{1}{2}$ Proportionate point; on N. slope in lava bed, 700 ft.
below brink of mountain.

DEPENDENT RESURVEY OF PORTION OF E. END OF T. 10 N.

Chains

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone (in lava bed) for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T368	R10W
S31	S32

S6	S5
----	----

T378

1929

from which

An aspen, 8 ins. diam., bears N. 85 $\frac{1}{2}$ ° E., 97 lks. dist., marked T 36 S R 10 W S 32 B T

An aspen, 12 ins. diam., bears S. 22 $\frac{1}{2}$ ° E., 61 lks. dist., marked T 37 S R 10 W S 5 B T

An aspen, 16 ins. diam., bears S. 38 $\frac{1}{2}$ ° W., 88 lks. dist., marked T 37 S R 10 W S 6 B T

An aspen, 14 ins. diam., bears N. 13 $\frac{1}{2}$ ° W., 80 lks. dist., marked T 36 S R 10 W S 31 B T

Land, W. 50 chs., rolling mountain top; remainder of mile, rough mountainous; general NE. exposure and drainage.

Soil, brown mountain loam and rocky of volcanic formation; 1st. to 4th. rates.

Timber, medium to dense growth of aspen with scattering pine and fir.

Undergrowth, buck, sage, service berry, sagebrush and manzanita.

S. 88° 59' E., bet. secs. 5 and 32.

Across lava bed over rough mountainous land facing NE. at foot of abrupt descent of break of mountain to the S.

- 1.00 Leave lava bed and enter medium growth of aspen and pine timber, bears N. and S.
- 6.80 Leave pine and enter dense aspen timber, bears N. and S.; gradually descend over E. slope.
- 20.35 A small spring of good water, heads S. about 50 lks. distant and flows N.
- 21.15 Small swale, 270 ft. below sec. cor., drains N.; thence along general N. slope.
- 21.67 From this point, a cabin, 12x12 ft. with shingle roof, bears S., 1.00 chs. distant; an old log cabin with sod roof, bears N. 50 lks. distant; an old corral bears NE. 50 lks. distant from log cabin.
- 26.80 Leave timber and enter medium growth of oak and maple brush, bears N. and S.
- 27.20 Spur, 60 ft. above swale, projects N.; gradually descend over E. slope.
- 28.40 Begin abrupt descent over E. slope.

W.D. INDEPENDENT RESURVEY OF PORTION OF N.E.DY. OF T.37 S., R.10 W.

Chains

- 29.40 Leave undergrowth and reenter dense timber, bears N. and S.
- 32.40 Reenter medium growth of tall undergrowth, bears N. and S.
- 37.20 Timber becomes very scattered, bears N. and S.
- 39.87 $\frac{1}{2}$ Proportionate point
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and surrounded by a small mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$ 832
85
1929

from which

An aspen, 6 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ E., 15 lks.
dist., marked $\frac{1}{2}$ S 32° B T

An oak, 6 ins. diam., bears S. $76^{\circ}45'$ W., 25 lks.
dist., marked $\frac{1}{2}$ S 5° B T

Cor. stands on E. slope, 120 ft. below spur, in medium undergrowth of oak, maple and deer brush.

- 40.40 Begin abrupt descent over E. slope.
- 41.10 Leave scattered timber, continue through dense undergrowth.
- 45.90 Leave dense undergrowth, reenter scattered timber, bears N. and S.
- 47.65 Bottom of Coal Creek Canyon and stream, 10 lks. wide, 1 in. deep, good mountain water, 355 ft. below sec. cor., course N.; ascend abruptly over W. slope.
- 50.10 An ungraded mountain road, bears N. to Cedar City, Utah and S. to the Brayton Coal Mine. Leave timber and reenter undergrowth, bears N. and S.
- 54.10 Point, 200 ft. above canyon, projects S.; gradually descend.
- 57.00 Swale, 35 ft. below point, drains SW.; ascend abruptly over W. slope.
- 59.81
59.81 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for E. sixteenth sec. cor. secs. 5 and 32, with brass cap marked

$\frac{1}{2}$ 832
E $1/16$ 85
1929

from which

A balsam, 14 ins. diam., bears S. $52\frac{1}{2}^{\circ}$ E., 14 lks.
dist., marked E $1/16$ S 5° B T

A balsam, 14 ins. diam., bears N. 60° W., 32 lks.
dist., marked E $1/16$ S 32° B T

Begin precipitous ascent of W. face of mountain broken

DEPENDENT RESURVEY OF PORTION OF N. 1/4 OF T. 37 S., R. 10 W.

Chains											
	ledges and outcroppings and through pine and fir timber										
68.00	Top of cliff and point projecting N. from mountain top, 600 ft. above canyon, bears N. and S.; thence along general N. slope leaving timber and entering dense tall undergrowth.										
79.75	Proportionate point; on abrupt NW. slope in dense tall choke cherry undergrowth. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 4, 5, 32, and 33, with brass cap marked										
	<table><tr><td>T368</td><td>R10W</td></tr><tr><td>S32</td><td>S33</td></tr><tr><td>S3</td><td>S4</td></tr><tr><td colspan="2">T37S</td></tr><tr><td colspan="2">1929</td></tr></table>	T368	R10W	S32	S33	S3	S4	T37S		1929	
T368	R10W										
S32	S33										
S3	S4										
T37S											
1929											
	from which										
	An aspen, 6 ins. diam., bears N. 87° 45' E., 99 lks. dist., marked T 36 S R 10 W S 33 B T										
	An aspen, 8 ins. diam., bears S. 79½° E., 58 lks. dist., marked T 37 S R 10 W S 4 B T										
	No other suitable accessory available.										
	Land, rough mountainous; general N. exposure and drainage.										
	Soil, brown mountain loam, clay and rocky of volcanic and sandstone formation; 2nd. to 4th. rates.										
	Timber, aspen thickets and scattered patches of pine and fir.										
	Undergrowth, oak, maple, choke cherry, service berry, deer brush, sagebrush, and manzanita.										
	S. 88° 59' E., bet. secs. 4 and 33.										
	Ascend abruptly NW. slope over rough mountainous land through dense, tall undergrowth and scattered aspen thickets.										
9.00	Leave dense undergrowth, bears NE. and SW.										
15.00	Spur, 200 ft. above sec. cor., projects N.; gradually descend.										
18.50	Small draw, drains N.; ascend W. and NW. slopes.										
36.00	Top of ascent and brink of mountain top, bears N. 70° E. and S. 70° W.; thence over open and rolling mountain top.										
38.50	Wire fence, bears N. and S.; at a point 20 lks. S., wire fence turns E. and a worm fence extends S. Thence along N. side of fence.										
39.87½	Proportionate point. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground on solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap marked										

Chains

833

84

1929

from which

A pine, 10 ins. diam., bears N. 16 1/2° W., 146 lks.
dist., marked 1/4 S 33° B T

No other tree available.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

62.10 Wire fence joins a worm fence extending easterly at this point.

63.70 Enter dense aspen timber, bears N. and S.

65.80 At a point about 2 chs. S., worm fence from the W. turns SE.

66.10 Small seep, in draw, 120 ft. below mountain top, drains N.; gradually ascend.

70.40 Low rise, bears N. and S.; gradually descend.

79.75 The original Stewart cor. of secs. 3, 4, 33, and 34, which is a granite rock, 18x14x12 ins., standing on top of ground, and marked with 3 notches on E. and W. edges; from which

An aspen, 10 ins. diam., bears S. 43 1/2° W., 11 lks.
dist., marked T3 in bark; the other marks
on tree are illegible.

I remark this tree as follows, without disturbing
the original marks:
T 37 S R 10 W S 4° B T

An aspen, 10 ins. diam., bears N. 33 1/4° W., 74 lks.
dist., marked T36 in bark; the other marks
on tree are illegible.

I remark tree as follows without disturbing the
the original markings:
T 36 S R 10 W S 33° B T

I identify the other original bearing trees which are
dead and have fallen in approximately their record
positions.

Reset the original cor. monument firmly in the ground
marked with 3 notches on E. and W. edges and mark
additional bearing trees as follows:

An aspen, 8 ins. diam., bears N. 41 1/2° E., 55 lks.
dist., marked T 36 S R 10 W S 34° B T

An aspen, 10 ins. diam., bears S. 70° E., 24 lks.
dist., marked T 37 S R 10 W S 3° B T

Land, rolling and rough mountainous; general N. exposure
and drainage.

Soil, brown mountain loam and clay loam and rocky of
sandstone and granite formation; 2nd. to 4th. rates.

DEPENDENT RESURVEY OF SUBDIVISION OF T.37 S., R.10 W.

Chains

miles

Timber, scattered aspen thickets and a few pine.

Undergrowth, dense choke cherry and service berry brush on W. 9.00 chs., short sagebrush and grass on remainder of mile.

DEPENDENT RESURVEY OF SUBDIVISION OF T.37 S., R.10 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY
A.J. STEWART, U.S. DEPUTY SURVEYOR IN 1873.

From the reestablished cor. of secs. 4, 5, 32, and 33 on the N. bdy. of the Tp. heretofore described.

S.0°51'E., on true line bet. secs. 4 and 5.

Ascend NW. and N. slopes over mountainous land through dense tall undergrowth.

6.00 Leave tall undergrowth, bears NE. and SW.

9.00 Small aspen grove on line.

10.30 Top of ascent and N. brink of mountain top, 120 ft. above sec. cor., bears E. and W.; gradually descend over open and rolling mountain top sloping to the W.

21.05 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for north sixteenth section cor. bet. secs. 4 and 5, with brass cap marked

N 1/16

S5 | S4

1929

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

26.35 Begin steeper descent over S. and SW. slopes.

32.25 Top of sandstone ledge, 10 ft. high, bears NW. and SE.; descend abruptly entering scattered timber.

35.25 Gulch, 250 ft. below mountain top, drains S.80°W.; ascend abruptly.

36.75 Top of sandstone ledge, 10 ft. high, bears SW. and NE. about 4 chs., then NW.

37.75 Top of abrupt ascent, enter medium growth of timber, bears E. and W.; gradually ascend.

38.85 Top of ascent on W. slope of Coal Creek Canyon, 115 ft. above gulch, bears E. and W.; descend along W. slope.

41.14 Proportionate point.
Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for 1/4 sec. cor., with brass cap marked

RESURVEY OF SUBDIVISION OF T.37 S., R.10 W.

Chains

85 | 84
1929

from which

A spruce, 36 ins.diam., bears N.8 $\frac{1}{2}$ °E., 166 lks.
dist., marked $\frac{1}{2}$ S 4 B T

A spruce, 14 ins.diam., bears N.19 $\frac{1}{2}$ °W., 167 lks.
dist., marked $\frac{1}{2}$ S 5 B T

Cor. stands on W. slope about 50 lks. E. of a ledge rim
about 75 ft. high bearing N.10°E. and S.20°E.; continue
along W. slope.

- 42.90 Enter dense timber, bears E. and W.
- 47.25 Top of sandstone ledge, 20 ft. high, bears N.20°W. and
S.20°E.; begin abrupt descent over general SW. slope into
Coal Creek Canyon.
- 50.15 Top of sandstone ledge, 30 ft. high, bears N.20°W. and
S.20°E.
- 60.45 Bottom of Coal Creek Canyon and stream, 5 lks. wide, 2
ins. deep, 410 ft. below $\frac{1}{2}$ sec. cor., course NW.;
ascend abruptly over ledges.
- 63.35 Rocky point, 100 ft. above canyon, projects NE. about 1
ch. to end; thence along rugged E. slope.
- 65.45 Recross Coal Creek, course NE. about 2 chs., then NW.;
ascend abruptly over ledges.
- 68.35 Top of a sandstone ledge about 80 ft. high, bears NE.
and SW.
- 69.00 Sandstone spur, 250 ft. above Coal Canyon, projects W.
about 50 lks. to end at top of sandstone ledge about 80
ft. high; thence along rough and rugged W. slope.
- 72.50 Top of sandstone ledge, 30 ft. high; bears N.20°W. and
SE.
- 74.25 Recross Coal Creek in canyon, course NW.; ascend
abruptly over general NE. slope.
- 75.30 Sandstone ledge, 10 ft. high, bears N.40°W. and S.20°E.
- 78.25 Top of abrupt ascent, leave dense pine, fir, pinon and
cedar timber, enter dense aspen thicket, bears NW. and
SE.
- 80.25 Leave aspen thicket, bears E. and W.
- 80.45 Spur, 150 ft. above canyon, projects E.; thence along
general E. slope.
- 81.33 The cor. of secs. 4, 5, 8, and 9 which is a lava rock,
18x12x10 ins. standing on top of ground, marked with
5 notches on S. and 4 notches on E. edge; from which
- A pine, 24 ins.diam., bears N.24 $\frac{1}{2}$ °E., 120 lks.
distant. This tree has been blazed and the
scar nearly grown over; no marks on tree
could be found.

DEPENDENT RESURVEY OF SUBDIVISION OF T.37 S., R.10 W.

Chains

At the exact cor. point,
Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground and stand original cor. monument alongside,
for cor. of secs. 4,5,8, and 9, with brass cap marked

T37S	R10W
S5	S4
S8	S9
1929	

from which additi

al new bearing trees are as follows:

An aspen, 8 ins.diam., bears S.38 $\frac{1}{2}$ °E., 84 lks.
dist.,marked T 37 S R 10 W S 9 B T

An aspen, 6 ins.diam., bears S.19°45'W., 29 lks.
dist.,marked T 37 S R 10 W S 8 B T

An aspen, 6 ins.diam., bears N.5°W., 218 lks.
dist.,marked T 37 S R 10 W S 5 B T

Note: I also reblaze the original bearing tree in sec.4
without disturbing the original scar and mark same
T 37 S R 10 W S 4 B T

Cor. stands on an E. slope about 5 chs. W. of the bottom
of Coal Creek Canyon.

Land, rough mountainous following generally along the
breaks of Coak Creek Canyon; general N. exposure and
drainage.

Soil, gravelly, rocky, clay and brown mountain loam;
sandstone and volcanic formation; 3rd. and 4th. rates,

Timber, pine, spruce, aspen thickets with scattered
pinon and cedar.

Undergrowth, sagebrush, choke cherry, service berry,
deer brush, manzanita, and c chaparral.

From the cor. of secs. 4,5,8, and 9.

N.89°50'W., on true line bet. secs. 5 and 8.

Ascend abruptly over rough mountainous land facing E.,
through a medium growth of chaparral and sagebrush
undergrowth. Aspen and pine timber on both sides of line

4.80 Enter pine timber, bears NW. and SE.

11.30 Leave pine timber, bears N. and S.

18.80 Intersect the E. end of a worm fence from the W., on E.
edge of mountain top bearing N. and SW. and at a point
from which a spur descends S.80°E., 365 ft. above sec.
cor.; thence along fence on a near level line across an
open swale draining N.

19.78 From this point an old log cabin bears N.49°W. about
4 chs. distant; a small corral is about 1 ch. W. of
cabin.

22.80 Enter dense aspen timber, bears N. and S. on W. side of
swale; begin gradual ascent over E. slope.

W. 01. 1890. RESUME OF SUBDIVISION OF T. 37 S. R. 10 W.

Chains

27.90 A small volcanic ledge, about 10 ft. high, bears N. and S.

29.30 The W. end of worm fence and the E. end of a net wire fence bearing about E. and W.

40.55 The $\frac{1}{4}$ sec. cor., which is a volcanic stone, 16x12x3 ins. lying on the ground and marked dimly $\frac{1}{4}$ on one face; no trace of the bearing trees can be found.

At the exact cor. point;

Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and surrounded by a large mound of stone with original corner monument buried alongside for $\frac{1}{4}$ sec. cor., with brass cap marked

	S5	
$\frac{1}{4}$	—	
	S8	
	1929	

From which

An aspen, 8 ins. diam., bears N. $16\frac{1}{2}^{\circ}$ E., 27 lks. dist., marked $\frac{1}{4}$ S 5' B T

An aspen, 10 ins. diam., bears S. $13^{\circ}45'$ E., 45 lks. dist., marked $\frac{1}{4}$ S 8' B T

Cor. stands on gentle E. slope on N. side of fence extending E. and W., 445 ft. above sec. cor.

Thence

N. $89^{\circ}54'$ W., with continuous measurement

Continue ascent over gentle E. exposure.

44.55 A 4 ft. net wire fence, bears NW. and E.

46.20 Worm fence, bears N. and S.

47.20 An ungraded mountain road; bears NW. and SE.

47.50 The N. end of a worm fence; fence extends S. and bears W. 1.30 chs. distant to end.

74.00 Top of ascent, 160 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; thence over nearly level mountain top.

81.00 The point for the cor. of secs. 5, 6, 7, and 8 as restored record course and distance (S. 40° W., 90 lks.) from the original bearing tree. The corner monument is missing and all other bearing trees described in the original survey are either dead and fallen or have been cut down.

At cor. point,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T37S	R10W
S6	S5
—	
S7	S8
1929	

from which

DEPENDENT RESURVEY OF SUBDIVISION OF T. 37 S. R. 10 W.

Chains

88138

The original bearing tree; an aspen, 18 ins. diam., bears N. 40° E., 90 lks. dist., marked in bark T 37 S R 10 W S 5 B T. I remark this tree T 37 S R 10 W S 5 B T without disturbing the original marks.

Additional new bearing tree are as follows:

An aspen, 8 ins. diam., bears S. 16° E., 52 lks. dist., marked T 37 S R 10 W S 8 B T

An aspen, 12 ins. diam., bears S. 66° 45' E., 48 lks. dist., marked T 37 S R 10 W S 7 B T

An aspen, 10 ins. diam., bears N. 30° W., 121 lks. dist., marked T 37 S R 10 W S 6 B T

Cor. stands on the E. side of a worm fence extending N. and S.

Land, E. portion of mile rough mountainous with general E. exposure and drainage; remainder of mile rolling mountain top.

Soil, mountain loam and rocky of volcanic formation; 2nd. to 4th. rates.

Timber, aspen with scattered pine on the sheltered slopes.

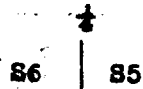
Undergrowth, sagebrush, chaparral and grass.

From the reestablished cor. of secs. 5, 6, 31, and 32 on the N. bdy. of the Tp. heretofore described.

South, on true line bet. secs. 5 and 6.

Ascend abruptly 700 ft. over N. slope and break of mountain through aspen timber; surface strewn with lava rock and intermittent lava beds.

- 29.00 Leave timber, bears NW. and SE.
- 29.50 N. brink of mountain top, bears NW. and SE.; gradually ascend.
- 32.10 An ungraded mountain road, bears NW. and SE.
- 32.75 A 3 ft. net wire fence, bears NW. and SE.
- 34.45 Reenter aspen timber, bears E. and W.
- 37.50 Small swale, drains NE.; ascend N. slope.
- 41.62 Proportionate point, Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



1929

from which

SUBDIVISION OF SECTION LINES, T.37 S., R.10 W.

Chains

- 61.70 An aspen, 12 ins. diam., bears S. $71\frac{1}{2}^{\circ}$ E., 56 lks. dist., marked $\frac{1}{4}$ S 5 $\frac{1}{2}$ B T.
- 62.00 An aspen, 10 ins. diam., bears S. $56\frac{1}{2}^{\circ}$ W., 16 lks. dist., marked $\frac{1}{4}$ S 6 $\frac{1}{2}$ B T.
- Cor. stands on a N. slope in dense aspen timber.
- Continue to ascend.
- 62.70 The N. end of a worm fence extending E., bears W., 20 lks. distant; thence along E. side of fence.
- 68.15 From this point a log cabin, bears West, about 6 chs. distant.
- 72.40 Top of ascent, 115 ft. above swale, bears E. and W.; thence over nearly level mountain top.
- 82.42 The cor. of secs. 5, 6, 7, and 8.
- Land, N. 29.50 chs. rough break of mountain with a general N. exposure and drainage; remainder of mile rolling mountain top.
- Soil, mountain loam and rocky of volcanic formation; 2nd. to 4th. rates.
- Timber, aspen and a few scattered pine and spruce.
- Undergrowth, deer, sage, service berry brush and chaparral.

SUBDIVISION OF SECTION LINES, LOT 1, SEC. 5, T.37 S., R.10 W.

From the E. $1/16$ section cor. bet. secs. 5 and 32 on the N. bdy. of the Tp. heretofore described.

S. $0^{\circ}37'E.$, on N. and S. center line NE $\frac{1}{4}$ sec. 5.

Over rough mountainous land on E. side of Coal Creek Canyon.

- 15.74 Road, bears N. 30° W. to Cedar City, Utah and S. 30° E. to the Brayton Coal Mine.
- 21.09 Intersection of the N. and S. and E. and W. center lines of the NE $\frac{1}{4}$ sec. 5.
- Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for NE sixteenth-section cor. sec. 5, with brass cap marked

NE $1/16$,
S5

1929

from which

SUBDIVISION OF SECTION LINE, T.32 S., R.16 W.

Chains

An aspen, 6 ins. diam., bears N.25°45'E., 41 lks. dist., marked NE 1/16 S 5 B 7

From this cor. the entrance to the Emayton Coal Mine situated at the base of high ledge on the E. side of Coal Creek Canyon, bears N.65°38'E., 3.03 chs. distant.

The entrance to the abandoned Lunt Coal Mine, bears S.38°44'E., 2.59 chs. distant.

A lumber shack, bears S.81°49'E., 1.49 chs. distant.

Land, rough mountains.

Soil, rocky; 4th. rate.

Timber, aspen and scattered pine and spruce.

Undergrowth, sage, service berry, buck brush and chaparral.

From the NE 1/16 sec. cor. sec. 5.

S.89°11'E., on E. and W. center line NE 1/4 sec. 5.

Ascend abruptly W. slope over rough mountainous land.

1.25 Road, bears N.20°W. to Cedar City, Utah and SE. to Emayton Coal Mine.

1.76 Road, bears N.40°E. to Coal Mine and SE.; begin ascent over ledges on E. side of Coal Creek Canyon.

2.30 Top of high ledge, bears N. and S.

13.76 Top of ascent and W. brink of mountain top, 650 ft. above NE 1/16 sec. cor., bears N. and S.; gradually ascend.

14.02 The E. sixteenth-section cor. bet. secs. 4 and 5 heretofore described.

Land, rough mountains.

Soil, rocky; 4th. rate.

Timber, pine, fir, and aspen.

Undergrowth, sagebrush, service berry brush and chaparral.

GENERAL DESCRIPTION

The lands embraced in this survey are all mountainous in character. Practically all of the SW 1/4, the SW 1/4 SE 1/4 and a small portion of the E 1/4 NE 1/4 are situated on top of a high plateau or rolling mountain top known as Cedar Mountain. The remaining portion of sec. 5 is situated on the break of this mountain and has a general N. exposure and drainage.

GENERAL DESCRIPTION

Coal creek Canyon extends in a north and south direction through the east half of sec. 5. East of this canyon the lands are very rugged and broken by a series of sandstone ledges extending in a northerly and southerly direction. At the base of these ledges in the E $\frac{1}{2}$ NE $\frac{1}{4}$ coal outcroppings are in evidence.

The soil is all a mountain loam and rocky of volcanic formation except on the east side of Coal Creek Canyon where it is a heavy clay and sandstone formation. All the area surveyed is covered with a medium growth of aspen timber; on the sheltered slopes considerable pine and spruce timber of good commercial value is found. The soil also supports a good growth of mountain shrubs and grasses principally oak, choke cherry, maple, deer brush, service berry brush and chaparral.

Coal Creek is a stream of good mountain water which has an apparent perpetual flow. There is also a small spring near the N. bdy. of the Tp. in lot 3, sec. 5.

Considerable fencing has been done on the mountain top in the SW $\frac{1}{4}$ sec. 5. The lands in this portion of the section are apparently in private ownership and have been used extensively for grazing purposes.

The cabins noted in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ and lot 3, sec. 5 were abandoned at the time of survey and indications at that time were that they had no been occupied for some time.

The Brayton Coal mine in Lot 1, sec. 5 was operating at the time of survey but on a very small scale. No extensive improvements at this mine have been made. The coal, however, appears to be a good grade bituminous. Immediately south of the Brayton mine is an old abandoned mine the entrance of which has caved in and has not been in operation for some time.

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(August, 1926)

FIELD ASSISTANTS.

[illegible]

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~

Cadastral Engineer

I, Howard W. Miller, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 27th day of September, 1927, I have well, faithfully, and to in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~surveyed~~ ^{resurveyed and} surveyed all those parts or portions of the north boundary and subdivision of T.37 S., R.10 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented the foregoing field notes as having been executed by me, and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. **Certified to at:**

Salt Lake City, Utah,
November 7, 1931

Howard W. Miller
U. S. Cadastral Engineer ~~Howard W. Miller~~

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado JUL 16 1932, 19

The foregoing field notes of the ~~survey of~~ ^{resurvey of} portion of the north boundary and subdivision and survey of the subdivision of section lines in T.37 S., R.10 W., S.L.B. & M., Utah

executed by Howard W. Miller, U. S. Cadastral Engineer under his special instructions dated September 27, 1927, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Quentin J. Simon
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys